

Section 4

Education

Statistics in this section relate to the level, extent, personnel, and finances of formal education in the United States. The principal sources of these data are the Decennial Census of Population (see text, p. 1) and the Biennial Survey of Education conducted by the Office of Education. Other statistical studies of the Office of Education, publications of the National Education Association, annual or biennial reports of the individual State agencies which have jurisdiction over education, and the Current Population Survey conducted by the Bureau of the Census (see text, p. 2) are the additional regular sources of data in the field of education.

State laws vary concerning the compulsory school attendance of children. However, most State laws require that formal schooling begin at 7 years of age and extend until 16 years of age.

Data on school enrollment are available from the Decennial Census of Population since the Census of 1840 and on educational attainment from the same source for 1940 and 1950. The Current Population Survey of the Bureau of the Census has reported on school enrollment annually beginning in 1945, and on educational attainment periodically beginning in 1947. Biennial Survey of Education reports include a variety of information presented in much detail for each school level (kindergarten, elementary, secondary, and college). A major difference between the Current Population Survey of the Census Bureau and the Biennial Survey of the Office of Education is that the former shows education data for the country as a whole by age and other population characteristics, whereas the latter shows data on attendance, staff, and finances for the United States and individual States. The Office of Education also issues annually the *Digest of Annual Reports of State Boards for Vocational Education*.

Enrollment and attainment.—School enrollment statistics of the Bureau of the Census are based on attendance or enrollment in any regular school (or college) within a given period. Attainment statistics are based on the last full grade completed by a student. A regular school as defined in this respect by the Bureau of the Census is any public, private, or parochial school, college or university, but excludes nursery schools or, generally, vocational, trade, business, or correspondence schools; kindergartens were also excluded until October 1950.

Schools.—The school data shown here from the *Biennial Survey of Education* are reasonably complete for the types of education covered, but do not include figures for private schools of art, music, drama, etc., for private, commercial, trade, and vocational schools, or private correspondence schools.

The comparability of elementary or secondary school data over a period of years was invalidated by the introduction of the junior high school which includes the 7th and 8th grades of the traditional elementary school and the 9th grade of regular high school. A comparable time series utilizing these data is possible only on the strict basis of grade enrollment, grades 1 through 8 as elementary and grades 9 through 12 as secondary.

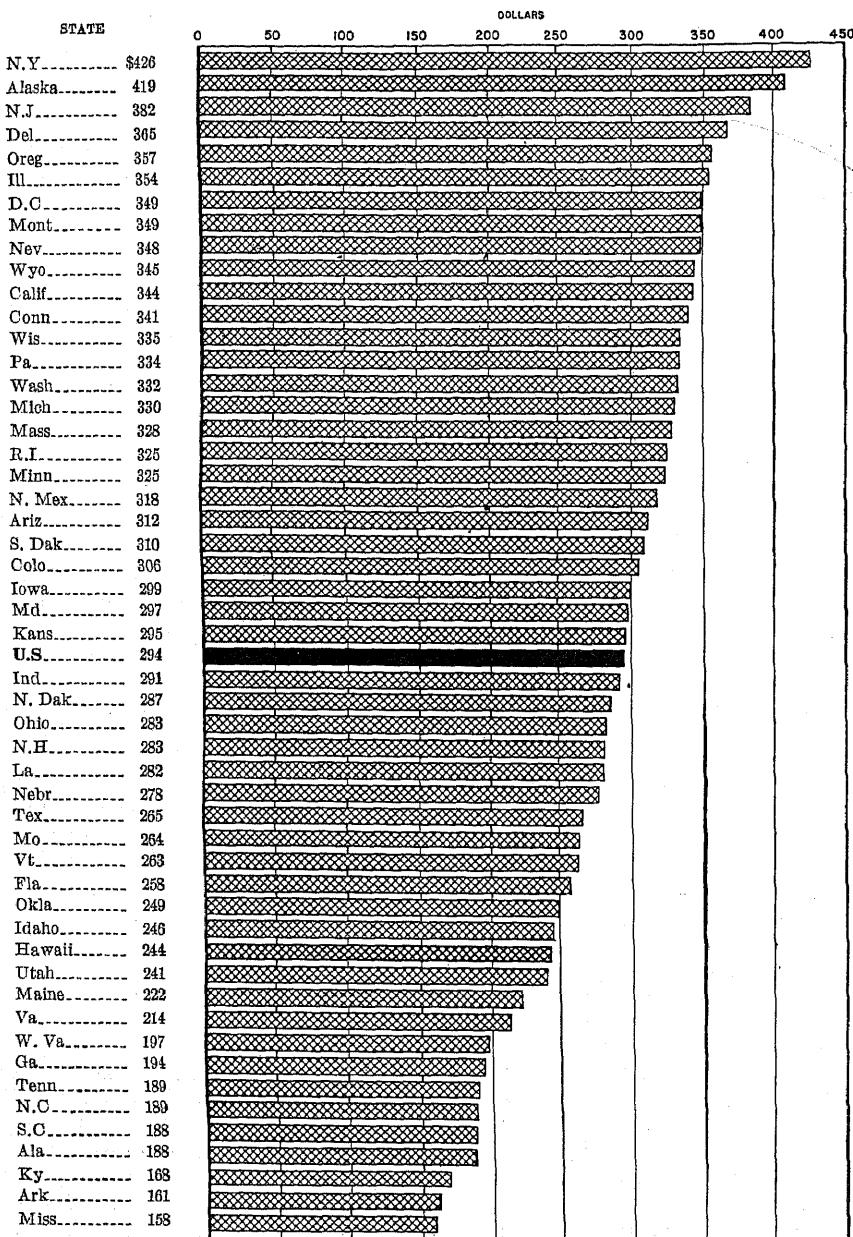
Office of Education data in this section relate to school terms or academic years unless otherwise indicated; except as noted, the year shown refers to the period beginning in September of the prior year and extending to June of the year indicated.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 407-411") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

FIG. IX. CURRENT EXPENDITURE PER PUPIL IN AVERAGE DAILY ATTENDANCE FOR PUBLIC ELEMENTARY AND SECONDARY DAY SCHOOLS: 1956

[See table 154]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Health, Education, and Welfare, Office of Education.

SCHOOL ENROLLMENT

105

No. 130. SCHOOL ENROLLMENT, BY AGE AND SEX: 1950, 1955, AND 1959

[In thousands. As of October. Excludes Alaska and Hawaii. Data relate to civilian noninstitutional population and are based on Current Population Survey; see Technical Note, p. 203. Figures for children 5 and 6 years old enrolled in school include those enrolled in kindergarten]

YEAR AND AGE	TOTAL			MALE			FEMALE		
	Popu- lation	Enrolled		Popu- lation	Enrolled		Popu- lation	Enrolled	
		Number	Per- cent		Number	Per- cent		Number	Per- cent
1950									
Total, 5 to 34.....	68,570	30,276	44.2	33,255	15,834	47.5	35,215	14,442	41.0
5 years.....	2,726	1,410	51.7	1,390	717	51.6	1,336	603	51.9
6 years.....	2,731	2,649	97.0	1,390	1,336	96.1	1,341	1,313	97.9
7 to 9 years.....	7,891	7,803	98.9	4,012	3,963	98.8	3,879	3,840	99.0
10 to 13 years.....	8,982	8,852	98.6	4,565	4,506	98.7	4,417	4,346	98.4
14 to 17 years.....	8,351	6,953	83.3	4,200	3,541	84.3	4,151	3,412	82.2
18 and 19 years.....	4,041	1,190	29.4	1,893	667	35.2	2,148	523	24.3
20 to 24 years.....	10,677	950	9.0	4,873	692	14.2	5,804	267	4.6
25 to 29 years.....	11,861	358	3.0	5,628	332	5.9	6,238	26	0.4
30 to 34 years.....	11,310	1,100	1.0	5,409	170	1.5	5,901	121	1.0
1955									
Total, 5 to 34.....	73,682	37,426	50.8	35,666	19,573	54.9	38,016	17,853	47.0
5 years.....	3,543	2,060	58.1	1,810	1,052	58.1	1,733	1,009	58.2
6 years.....	3,524	3,460	98.2	1,800	1,760	98.3	1,724	1,691	98.1
7 to 9 years.....	10,250	10,175	99.2	5,242	5,196	99.1	5,017	4,980	99.3
10 to 13 years.....	10,942	10,853	99.2	5,565	5,529	99.4	5,377	5,324	99.0
14 to 17 years.....	9,169	7,970	86.9	4,622	4,007	88.6	4,547	3,873	85.2
18 and 19 years.....	3,905	1,232	31.5	1,770	752	42.5	2,135	480	22.5
20 to 24 years.....	9,120	1,010	11.1	3,799	686	18.1	5,321	324	6.1
25 to 29 years.....	11,189	475	4.2	5,310	371	7.0	5,878	105	1.8
30 to 34 years.....	12,032	192	1.6	5,748	123	2.1	6,283	68	1.1
1959									
Total, 5 to 34.....	79,974	44,370	55.5	39,272	23,192	59.1	40,702	21,178	52.0
5 years.....	3,934	2,474	62.0	2,000	1,248	62.1	1,924	1,226	63.7
6 years.....	3,644	3,748	97.5	1,063	1,910	97.3	1,881	1,838	97.7
7 to 9 years.....	10,964	10,899	99.4	5,596	5,552	99.2	5,368	5,347	99.6
10 to 13 years.....	13,806	13,727	99.4	7,049	7,004	99.4	6,750	6,723	99.5
14 to 17 years.....	10,908	9,839	90.2	5,618	5,041	91.4	5,300	4,798	89.0
18 and 19 years.....	4,353	1,601	36.8	2,015	918	45.6	2,338	683	29.2
20 to 24 years.....	10,070	1,283	12.7	4,556	892	19.6	5,515	391	7.1
25 to 29 years.....	10,487	538	5.1	5,003	446	8.9	5,484	92	1.7
30 to 34 years.....	11,608	261	2.2	5,663	181	3.3	6,045	80	1.3

¹ Estimated.

No. 131. PERCENT OF POPULATION ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1955 AND 1959

[As of October. Excludes Alaska and Hawaii. See headnote, table 130]

AGE	1955						1959					
	Total		Male		Female		Total		Male		Female	
	White	Non- white	White	Non- white	White	Non- white	White	Non- white	White	Non- white	White	Non- white
Total, 5 to 34.....	50.8	50.7	54.9	54.4	46.9	47.4	55.5	55.1	59.2	58.0	52.0	52.4
5 and 6 years.....	79.2	71.1	79.0	72.8	79.5	69.4	81.0	74.3	80.1	76.0	81.9	72.5
7 to 13 years.....	99.3	98.2	99.4	98.2	99.3	98.1	99.5	99.0	99.4	98.9	99.6	99.1
14 to 17 years.....	87.5	82.8	89.1	85.2	85.9	80.5	90.8	85.3	92.0	86.3	89.6	84.3
18 and 19 years.....	32.1	27.6	43.9	32.9	22.4	23.1	37.3	33.6	47.1	35.5	28.8	31.9
20 to 24 years.....	11.6	7.2	19.3	9.8	6.2	5.5	13.4	8.5	20.8	11.4	7.2	6.0
25 to 29 years.....	4.2	4.9	7.1	6.2	1.5	3.8	5.4	2.8	9.5	4.5	1.7	1.4
30 to 34 years.....	1.6	1.8	2.2	1.9	1.0	1.7	2.3	1.3	3.4	1.8	1.3	1.0

Source of tables 130 and 131: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 66, and records.

EDUCATION

No. 132. SCHOOL ENROLLMENT BY SINGLE YEARS OF AGE FROM 5 TO 20: 1920 TO 1950

[Excludes Alaska and Hawaii. Statistics for 1940 and 1950 are based on attendance at or enrollment in any regular school or college, including night schools, extension schools, or vocational schools, if part of regular school system. Excludes correspondence schools. In the 2 prior censuses, school enrollment question not restricted as to type of school or college. In 1950, question referred to period between Feb. 1 and Apr. 1, 1950; in 1940, to period between Mar. 1 and Apr. 1, 1940; in 1930, to period between Sept. 1, 1929, and Apr. 1, 1930; and in 1920, to period between preceding Sept. 1 and Jan. 1. Figures for 1950 based on 20-percent sample]

AGE	1920		1930		1940		1950	
	Number	Percent of population						
5 to 20 years old.....	21,373,976	64.3	26,849,639	69.9	26,293,224	70.8	27,992,465	75.2
5 years old.....	441,411	18.8	500,734	20.0	385,160	18.0	933,125	34.3
6 years old.....	1,480,714	63.3	1,667,486	66.3	1,420,051	69.1	1,130,530	76.8
7 years old.....	1,905,404	83.3	2,207,331	89.4	1,935,819	92.4	2,670,295	94.4
8 years old.....	2,010,894	88.5	2,451,048	94.1	2,089,528	94.8	2,448,490	95.6
9 years old.....	1,944,314	90.4	2,401,356	95.6	2,093,679	95.6	2,257,985	96.1
10 years old.....	2,077,965	93.0	2,427,254	97.1	2,209,240	95.7	2,228,955	96.0
11 years old.....	1,970,255	93.9	2,260,735	97.5	2,125,664	95.9	2,145,630	96.3
12 years old.....	2,082,749	98.2	2,408,623	97.1	2,315,270	95.5	2,204,840	95.9
13 years old.....	1,877,429	92.5	2,242,053	96.5	2,265,495	94.8	2,000,085	95.9
14 years old.....	1,766,784	86.3	2,212,825	92.9	2,224,670	92.5	2,025,730	94.8
15 years old.....	1,357,345	72.9	1,943,553	84.7	2,122,995	87.6	1,945,790	91.4
16 years old.....	1,001,701	50.8	1,569,839	66.3	1,897,179	76.2	1,682,200	80.0
17 years old.....	642,360	34.6	1,100,018	47.9	1,464,027	60.9	1,426,930	68.2
18 years old.....	413,619	21.7	723,524	30.7	940,105	36.4	867,695	39.8
19 years old.....	252,680	13.8	441,814	19.8	509,380	20.9	533,025	24.7
20 years old.....	148,352	8.3	291,446	13.1	294,962	12.5	392,160	17.9

¹ Includes kindergarten enrollment, largely included in earlier enrollment figures.

Source: Department of Commerce, Bureau of the Census; U.S. Census of Population: 1950, Vol. II, Part 1.

No. 133. PERCENT DISTRIBUTION BY LEVEL OF SCHOOL, OF PERSONS ENROLLED IN SCHOOL, BY AGE, COLOR, AND SEX: 1950

[As of October. Excludes Alaska and Hawaii. Percent not shown where base is less than 150,000. See headnote, table 130]

AGE AND SEX	WHITE				NONWHITE			
	Total enrolled	Elementary school or kindergarten	High school	College or professional school	Total enrolled	Elementary school or kindergarten	High school	College or professional school
Total, 5 to 34 years.	100.0	69.9	22.1	8.0	100.0	77.3	18.7	4.0
5 to 12 years.....	100.0	98.5	1.5	-----	100.0	98.8	1.2	-----
14 to 17 years.....	100.0	8.6	89.2	2.2	100.0	23.0	75.4	1.5
18 to 24 years.....	100.0	0.1	13.4	86.5	100.0	-----	43.8	56.2
25 to 34 years.....	100.0	0.5	7.1	92.4	100.0	-----	-----	-----
Male, 5 to 34 years.....	100.0	68.4	21.4	10.1	100.0	77.8	17.9	4.3
5 to 13 years.....	100.0	98.7	1.3	-----	100.0	98.9	1.1	-----
14 to 17 years.....	100.0	10.3	87.8	2.0	100.0	27.9	71.4	0.7
18 to 24 years.....	100.0	0.1	13.9	86.0	100.0	-----	-----	-----
25 to 34 years.....	100.0	-----	5.2	94.8	100.0	-----	-----	-----
Female, 5 to 34 years.....	100.0	71.5	22.8	5.7	100.0	76.8	19.4	3.8
5 to 13 years.....	100.0	98.3	1.7	-----	100.0	98.8	1.2	-----
14 to 17 years.....	100.0	6.8	90.7	2.5	100.0	18.2	79.5	2.3
18 to 24 years.....	100.0	0.1	12.6	87.3	100.0	-----	-----	-----
25 to 34 years.....	100.0	2.6	14.2	83.2	100.0	-----	-----	-----

Source: Department of Commerce, Bureau of the Census; Current Population Reports, Series P-20.

SCHOOL ENROLLMENT

107

No. 134. SCHOOL ENROLLMENT BY LEVEL OF SCHOOL IN WHICH ENROLLED, BY AGE AND SEX: 1950, 1955, AND 1959

[In thousands. As of October. Excludes Alaska and Hawaii. See headnote, table 130. See also *Historical Statistics, Colonial Times to 1957*, series H 383-394]

TYPE OF SCHOOL, SEX, AND YEAR	Total, 5 to 34 years	5 to 13 years	14 to 17 years	18 and 19 years	20 to 24 years	25 to 29 years	30 to 34 years
1950							
Total enrolled.....	1 30,276	20,716	6,953	1,190	959	353	1 100
Elementary and kindergarten.....	21,406	20,344	1,047	11	3	1	
High school.....	1 6,556	372	5,726	451	58	33	1 16
College or professional school.....	1 2,214	-----	180	728	898	324	1 84
Males enrolled.....	1 15,834	10,523	3,541	667	692	332	1 79
Elementary and kindergarten.....	11,003	10,365	630	8	39	18	1 9
High school.....	1 3,335	159	2,839	271	19	15	1 7
College or professional school.....	1 1,496	-----	71	388	653	314	1 70
Females enrolled.....	1 14,442	10,193	3,412	523	267	26	1 21
Elementary and kindergarten.....	10,403	9,979	417	3	3	1	
High school.....	1 3,321	213	2,887	180	19	15	1 7
College or professional school.....	1 718	-----	109	340	245	10	1 14
1955							
Total enrolled.....	37,426	26,548	7,970	1,232	1,010	475	192
Elementary and kindergarten.....	27,086	26,038	1,027	5	9	2	4
High school.....	7,961	510	6,796	482	69	67	37
College or professional school.....	2,379	-----	147	745	931	406	150
Males enrolled.....	19,573	13,546	4,097	752	686	371	123
Elementary and kindergarten.....	13,968	13,356	607	6	-----	-----	
High school.....	4,026	190	3,433	319	33	34	16
College or professional school.....	1,579	-----	57	432	647	337	107
Females enrolled.....	17,853	13,004	3,873	480	324	105	68
Elementary and kindergarten.....	13,117	12,683	420	5	3	2	4
High school.....	3,036	320	3,303	162	36	33	21
College or professional school.....	800	-----	90	313	285	69	43
1959							
Total enrolled.....	44,370	30,848	9,839	1,601	1,283	538	261
Elementary and kindergarten.....	31,414	30,396	1,007	2	1	3	5
High school.....	9,616	452	8,622	424	54	32	32
College or professional school.....	3,340	-----	210	1,175	1,228	503	224
Males enrolled.....	23,192	15,714	5,041	918	892	446	181
Elementary and kindergarten.....	16,131	15,513	616	2	-----	-----	15
High school.....	4,874	201	4,333	265	36	24	
College or professional school.....	2,187	-----	92	651	856	422	166
Females enrolled.....	21,178	15,134	4,798	683	391	92	80
Elementary and kindergarten.....	15,283	14,883	391	1	3	5	
High school.....	4,742	251	4,289	159	18	8	17
College or professional school.....	1,153	-----	118	524	372	81	58

¹ Estimated.

No. 135. SCHOOL ENROLLMENT IN PUBLIC AND PRIVATE SCHOOLS, OF PERSONS 5 TO 34 YEARS OLD: 1959

[In thousands. As of October. Excludes Alaska and Hawaii. See headnote, table 130]

TYPE	NUMBER ENROLLED				PERCENT ENROLLED			
	Kinder-garten	Elemen-tary school	High school	College or pro-fessional school	Kinder-garten	Elemen-tary school	High school	College or pro-fessional school
Total.....	2,032	29,382	9,616	3,340	100.0	100.0	100.0	100.0
Public.....	1,678	24,680	8,571	2,120	82.6	84.0	89.1	63.5
Private.....	354	4,702	1,045	1,220	17.4	16.0	10.9	36.5

Source of tables 134 and 135: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, and records.

EDUCATION

No. 136. PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,
BY AGE AND SEX: 1959

[In thousands. As of March. Excludes Alaska and Hawaii]

AGE AND SEX	Total, 14 years and over	YEARS OF SCHOOL COMPLETED								Median school years com- pleted	
		None	Elementary school			High school		College			
			1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
Total	122,819	2,232	6,051	14,486	20,107	27,109	32,442	10,084	8,323	1,985	
14 to 17 years	10,811	65	129	1,737	2,703	5,995	121	10	2	49	
18 to 24 years	14,630	58	215	715	948	3,594	6,102	2,186	587	125	
25 to 44 years	46,557	384	1,370	3,640	4,677	9,497	17,404	4,499	4,610	476	
45 years and over	50,921	1,725	4,337	8,394	11,779	8,023	8,815	3,389	3,124	1,355	
Male	59,258	1,146	3,394	7,365	9,992	12,834	18,418	4,938	5,084	1,087	
14 to 17 years	5,469	39	90	1,012	1,392	2,851	55	3	2	25	
18 to 24 years	6,748	30	124	405	509	1,667	2,493	1,134	317	79	
25 to 44 years	22,767	205	823	1,885	2,401	4,592	7,236	2,349	2,907	309	
45 years and over	23,274	372	2,387	4,063	6,690	3,734	3,634	1,452	1,798	674	
Female	63,561	1,086	2,657	7,121	10,115	14,275	19,024	5,146	3,239	898	
14 to 17 years	5,342	26	39	725	1,311	3,144	66	7	-----	24	
18 to 24 years	7,782	28	91	310	439	1,937	3,609	1,052	270	46	
25 to 44 years	23,790	179	547	1,755	2,276	4,905	10,168	2,150	1,643	167	
45 years and over	26,647	853	1,930	4,331	6,089	4,289	5,181	1,937	1,320	661	

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 99.

No. 137. PERSONS 25 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED,
BY COLOR AND SEX: 1940 AND 1950

[In thousands. As of April. Excludes Alaska and Hawaii. 1950 statistics are estimates based on 20-percent sample; see source for sampling variability. Figures differ from corresponding items in table 143 because of different tabulations; see text, p. 1. See also *Historical Statistics, Colonial Times to 1957*, series H 395, for medians]

YEAR AND SEX	Popula- tion, 25 years and over ¹	YEARS OF SCHOOL COMPLETED								Median school years com- pleted ³	
		Elementary school			High school		College				
		Less than 5 years ²	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more			
1940											
Total	74,776	10,105	13,656	20,757	11,182	10,552	4,075	3,407	8,6		
Male	37,463	5,550	7,008	10,681	5,338	4,507	1,824	2,021	8,6		
Female	37,313	4,554	6,648	10,125	5,849	6,044	2,251	1,386	8,7		
White	68,000	7,322	11,662	19,967	10,604	10,255	3,949	3,320	8,7		
Male	34,114	4,035	6,086	10,258	5,090	4,381	1,770	1,975	8,7		
Female	33,886	3,287	5,576	9,708	5,514	5,874	2,179	1,344	8,8		
Nonwhite	6,776	2,782	1,994	790	578	296	127	88	5,8		
Male	3,349	1,516	922	373	243	126	54	46	5,4		
Female	3,427	1,267	1,072	417	335	170	72	42	6,1		
1950											
Total	87,483	9,446	13,911	17,706	14,801	17,664	6,259	5,285	9,3		
Male	42,628	5,053	6,994	8,822	6,976	7,511	2,903	3,027	9,0		
Female	44,855	4,393	6,917	8,884	7,824	10,153	3,356	2,268	9,6		
White	79,359	6,884	11,692	16,770	13,738	17,005	6,020	5,108	9,7		
Male	38,634	3,659	5,970	8,396	6,519	7,227	2,793	2,948	9,3		
Female	40,655	3,225	5,722	8,374	7,219	9,778	3,227	2,102	10,0		
Nonwhite	8,145	2,562	2,219	936	1,062	659	239	177	6,9		
Male	3,945	1,394	1,024	426	458	284	110	81	6,4		
Female	4,200	1,168	1,195	510	505	375	129	96	7,2		

¹ Includes 1,042,000 persons for 1940 and 2,413,000 persons for 1950, not reported by years of school completed and not shown separately in this table.

² Includes persons reporting no school years completed.

³ Medians computed on basis of more detailed years of school completed.

Source: Department of Commerce, Bureau of the Census; *U.S. Census of Population: 1950*, Vol. II, Part 1.

YEARS OF SCHOOL COMPLETED

109

No. 138. CUMULATIVE LEVEL OF SCHOOLING COMPLETED FOR PERSONS 25 YEARS OLD AND OVER, BY COLOR AND SEX: 1959

[As of March. Excludes Alaska and Hawaii. See headnote, table 130]

COLOR AND SEX	Total population, 25 years and over (1,000)	PERCENT BY LEVEL OF SCHOOLING COMPLETED					
		Total	Completed less than 8 years of elementary school	Completed at least—			School years not reported
				8 years of elementary school	4 years of high school	4 years of college	
Male	47,041	100.0	21.7	76.2	41.3	10.1	2.1
White	42,663	100.0	18.6	79.5	43.6	10.8	1.9
Nonwhite	4,378	100.0	51.6	44.6	18.8	3.6	3.8
Female	50,437	100.0	19.1	79.2	44.4	5.9	1.6
White	45,568	100.0	16.5	82.0	46.0	6.2	1.6
Nonwhite	4,869	100.0	43.0	53.7	21.1	2.9	2.3

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 90.

No. 139. PERCENT DISTRIBUTION BY YEARS OF SCHOOL COMPLETED FOR THE LABOR FORCE 18 TO 64 YEARS OLD, BY SEX: 1940 TO 1959

[Excludes Alaska and Hawaii. Excludes persons for whom years of school completed was not reported. See headnote, table 130]

YEARS OF SCHOOL COMPLETED	BOTH SEXES				MALE				FEMALE			
	April 1940 ¹	Octo- ber 1948	March 1957	March 1959	April 1940 ¹	Octo- ber 1948	March 1957	March 1959	April 1940 ¹	Octo- ber 1948	March 1957	March 1959
	Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Elementary:												
Less than 5 years	8.7	7.3	5.6	4.7	9.6	7.9	6.8	5.5	6.3	5.7	3.9	3.3
5 to 8 years	39.4	32.4	26.2	24.2	42.7	34.0	28.2	26.0	30.4	28.6	21.9	20.6
High school:												
1 to 3 years	18.1	19.7	19.8	20.2	18.1	20.7	20.1	20.7	18.1	17.3	19.1	19.2
4 years	20.3	26.5	30.5	31.7	17.2	23.6	27.2	28.1	28.7	33.4	37.3	30.0
College:												
1 to 3 years	7.0	7.4	8.8	9.4	6.2	7.1	8.5	9.2	9.3	8.2	9.3	9.8
4 years or more	6.4	6.7	9.2	9.7	6.2	6.7	9.6	10.5	7.2	6.8	8.4	8.2
Median school years completed	9.3	10.6	11.8	12.0	8.8	10.2	11.3	11.7	10.2	11.7	12.1	12.2

¹ 1940 Census of Population figures revised for comparability with current labor force estimates.Source: 1940-57, Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-50, No. 78; 1959, Department of Labor, Bureau of Labor Statistics, *Special Labor Force Reports*, No. 1.

No. 140. HIGH-SCHOOL AND COLLEGE GRADUATES, BY SEX: 1900 TO 1956

[Excludes Alaska and Hawaii. Data cover graduates of both public and private institutions. See also *Historical Statistics, Colonial Times to 1957*, series H 232 and H 330-332. See also table 165]

YEAR OF GRADUATION	HIGH SCHOOL			COLLEGE ¹		
	Total	Male	Female	Total	Male	Female
1900	94,833	38,075	56,808	27,410	22,173	5,237
1920	311,266	123,684	187,582	48,622	31,980	16,642
1940	1,221,475	578,718	642,757	186,500	109,546	76,954
1950	1,199,700	570,700	629,000	432,058	328,841	103,217
1952	1,196,500	569,200	627,300	329,986	225,981	104,005
1954	1,276,100	612,500	663,600	290,825	186,528	104,297
1956	1,414,800	679,500	735,300	308,812	198,233	110,579

¹ Bachelor's or first professional degree.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, charter on Statistical Summary of Education.

EDUCATION

No. 141. PERCENT DISTRIBUTION BY TOTAL MONEY INCOME OF PERSONS 14 YEARS OLD AND OVER, BY YEARS OF SCHOOL COMPLETED AND SEX: 1958

[Education data as of March 1959. Excludes Alaska and Hawaii. Based on approximately 26,000 sample households of the Current Population Survey; see source. See also headnote, table 130]

TOTAL MONEY INCOME AND SEX	Total ¹	ELEMENTARY SCHOOL		HIGH SCHOOL		COLLEGE			Median years of school completed	
		Less than 8 years ²	8 years	1 to 3 years	4 years	1 to 3 years	4 years	5 years or more		
		MALE								
Number.....	1,000	58,378	11,530	9,822	12,759	13,320	4,901	2,971	2,094	10.7
Number with income.....	1,000	53,543	10,292	8,658	10,997	13,078	4,657	2,943	2,039	11.0
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-----
Under \$1,000.....		16.9	29.9	17.7	21.6	7.2	13.0	5.1	3.7	8.8
\$1,000 to \$1,999.....		12.3	21.9	14.6	10.8	8.3	8.2	5.8	5.8	8.7
\$2,000 to \$2,999.....		11.2	16.0	14.1	10.1	10.1	7.6	4.3	4.3	9.0
\$3,000 to \$3,999.....		13.0	12.6	16.0	13.6	13.8	8.3	7.3	5.9	10.2
\$4,000 to \$4,999.....		14.5	9.9	15.3	16.4	18.2	14.0	10.1	7.5	11.3
\$5,000 to \$5,999.....		12.1	5.8	10.9	13.0	17.0	14.1	13.4	10.3	12.1
\$6,000 to \$9,999.....		15.7	4.0	9.5	13.3	21.5	25.2	35.0	33.7	12.5
\$10,000 and over.....		4.4	0.4	1.2	1.7	3.7	9.4	19.1	28.9	15.3
Median income.....	\$3,742	\$1,905	\$3,214	\$3,594	\$4,548	\$4,924	\$6,374	\$6,926	-----	-----
FEMALE										
Number.....	1,000	62,995	10,635	10,027	14,216	18,962	5,128	2,478	745	11.2
Number with income.....	1,000	33,340	5,880	4,945	7,032	9,993	2,991	1,502	566	11.4
Percent.....	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	-----
Under \$1,000.....		46.3	68.1	54.5	54.7	31.3	35.0	24.1	10.9	9.6
\$1,000 to \$1,999.....		19.1	20.8	23.2	19.4	17.9	17.0	14.1	10.2	10.7
\$2,000 to \$2,999.....		14.2	7.6	12.4	13.7	19.7	14.6	13.2	10.9	12.2
\$3,000 to \$3,999.....		11.0	2.9	6.8	7.7	17.9	16.7	15.9	9.7	12.4
\$4,000 to \$4,999.....		5.4	0.6	2.1	2.9	8.4	8.8	15.8	20.0	12.6
\$5,000 to \$5,999.....		2.2	0.2	0.6	1.2	2.7	5.2	8.3	11.2	12.9
\$6,000 to \$9,999.....		1.6	0.3	0.8	0.2	1.8	1.8	7.6	24.4	14.9
\$10,000 and over.....		0.3	-----	0.2	0.1	0.4	0.7	1.1	2.8	(3)
Median income.....	\$1,176	\$711	\$909	\$867	\$2,036	\$1,865	\$2,903	\$4,381	-----	-----

¹ Includes persons not reporting years of school completed, not shown separately.

² Includes persons reporting no years of school completed, not shown separately.

³ Median not shown where base is less than 200,000.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 33.

No. 142. MEDIAN INCOME FOR MALES 25 YEARS OLD AND OVER WITH INCOME, BY AGE AND YEARS OF SCHOOL COMPLETED: 1958

[Education and age data as of March 1959. Excludes Alaska and Hawaii. Based on approximately 26,000 sample households of the Current Population Survey; see source. See also headnote, table 130]

AGE	Total ¹	ELEMENTARY SCHOOL		HIGH SCHOOL		COLLEGE			Median years of school completed	
		Less than 8 years ²	8 years	1 to 3 years	4 years	1 to 3 years	4 years	5 years or more		
		Total.....	\$4,213	\$2,080	\$3,508	\$4,367	\$4,992	\$5,600	\$6,710	\$7,103
25 to 34 years.....		4,459	2,522	3,526	4,275	4,688	5,023	5,914	6,092	12.3
35 to 44 years.....		4,924	2,860	4,149	4,718	5,335	6,302	7,543	8,043	12.1
45 to 54 years.....		4,501	2,694	4,065	4,522	5,433	6,366	9,129	9,386	10.3
55 to 64 years.....		3,968	2,661	3,792	4,512	5,273	5,472	7,161	(3)	8.7
65 years and over.....		1,483	1,289	1,729	1,910	2,240	2,710	(3)	(3)	8.2

¹ Includes persons not reporting years of school completed, not shown separately.

² Includes persons reporting no years of school completed, not shown separately.

³ Median not shown where base is less than 200,000.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-60, No. 33.

YEARS OF SCHOOL COMPLETED

111

No. 143. YEARS OF SCHOOL COMPLETED BY PERSONS 25 YEARS OLD AND OVER,
BY STATES AND FOR PUERTO RICO: 1950

[Population in thousands. Based on 20-percent sample; see source for sampling variability. These figures differ from corresponding figures in table 137 because of different tabulations; see text, p. 1. For definition of median, see table 23.]

STATE OR OTHER AREA	Popu- lation 25 years old and over ¹	YEARS OF SCHOOL COMPLETED						MEDIAN SCHOOL YEARS COMPLETED				
		Elementary school			High school		College	All classes			White	
		Less than 5 years ²	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more	Total	Male	Female	
U.S.	87,885	9,524	14,008	17,784	14,905	17,746	6,283	5,305	9.3	9.0	9.6	3.9.7
N.E.	5,675	451	750	1,082	1,061	1,416	390	380	10.4	10.1	10.6	10.4
Maine	517	34	65	114	103	131	85	25	10.2	9.5	10.8	8.7
N.H.	316	20	40	78	55	72	23	19	9.8	9.4	10.3	8.8
Vt.	212	12	24	57	40	48	18	12	10.0	9.1	10.7	10.0
Mass.	2,901	220	370	465	560	788	208	208	10.9	10.6	11.1	10.9
R.I.	479	46	85	90	97	93	26	28	9.3	9.3	9.4	8.5
Conn.	1,249	110	166	277	206	283	81	87	9.8	9.5	10.0	9.8
M.A.	18,774	1,767	2,749	4,220	3,174	3,998	1,026	1,241	9.3	9.2	9.4	9.5
N.Y.	9,437	894	1,221	2,097	1,588	2,025	551	695	9.6	9.6	9.6	9.7
N.J.	3,044	281	461	683	513	653	170	206	9.3	9.3	9.3	9.5
Pa.	6,293	591	1,067	1,440	1,074	1,319	305	340	9.0	8.9	9.1	9.0
E.N.C.	18,102	1,320	2,424	4,491	3,187	3,981	1,250	1,011	9.6	9.2	9.9	9.7
Ohio	4,745	329	653	1,081	888	1,098	321	271	9.9	9.6	10.2	10.0
Ind.	2,280	151	312	583	395	538	148	120	9.6	9.2	9.9	8.3
Ill.	5,393	421	674	1,425	880	1,135	385	318	9.3	9.1	9.5	8.5
Mich.	3,668	276	492	802	754	802	252	194	9.9	9.5	10.2	10.0
Wis.	2,006	143	293	599	270	409	146	108	8.9	8.8	9.1	8.4
W.N.C.	8,243	509	1,074	2,412	1,184	1,741	674	433	9.0	8.9	9.8	9.1
Minn.	1,725	100	223	535	230	351	150	97	9.0	8.8	9.8	8.8
Iowa	1,539	60	183	439	240	373	127	78	9.8	9.0	10.7	9.9
Mo.	2,404	204	370	700	339	437	159	119	8.8	8.8	8.9	8.0
N. Dak.	326	29	52	107	34	53	31	15	8.7	8.6	8.9	8.8
S. Dak.	357	21	43	119	46	68	36	18	8.9	8.8	9.9	8.1
Nebr.	773	38	82	212	122	191	67	39	10.1	9.3	10.8	8.8
Kans.	1,119	56	121	300	173	268	104	67	10.2	9.4	10.8	8.7
S.A.	11,359	2,017	2,752	1,379	1,892	1,602	754	673	8.6	8.3	8.8	9.2
Del.	189	18	31	32	39	39	11	14	9.8	9.4	10.2	7.2
Md.	1,362	149	318	206	222	243	82	95	8.9	8.8	9.0	9.5
D.C.	525	36	71	61	80	126	57	68	12.0	11.7	12.1	8.8
Va.	1,800	315	489	153	281	262	133	113	8.5	8.0	8.8	6.1
W. Va.	1,040	143	232	258	136	152	57	45	8.5	8.4	8.6	7.6
N.C.	2,020	425	569	182	367	191	120	102	7.9	7.6	8.2	8.6
S.C.	1,007	276	261	86	180	78	55	54	7.6	7.3	7.9	9.0
Ga.	1,778	430	476	167	303	176	106	79	7.8	7.5	8.1	8.4
Fla.	1,637	224	274	284	335	312	103	9.6	9.2	10.0	10.9	5.8
E.S.C.	5,942	1,204	1,387	1,038	864	778	319	229	8.3	8.1	8.5	8.7
Ky.	1,553	260	330	407	187	199	82	59	8.4	8.3	8.5	7.3
Tenn.	1,757	322	403	322	251	254	101	72	8.4	8.3	8.6	6.5
Ala.	1,559	352	416	163	261	194	78	57	7.9	7.7	8.2	5.4
Miss.	1,073	270	239	146	165	132	58	41	8.1	7.7	8.4	9.9
W.S.C.	7,871	1,404	1,612	1,044	1,438	1,179	580	429	8.8	8.6	9.0	9.3
Ark.	1,001	198	233	183	157	129	52	31	8.3	8.2	8.5	5.6
La.	1,415	406	325	185	205	161	78	67	7.6	7.4	7.9	8.8
Oklahoma	1,243	137	218	247	202	228	105	77	9.1	8.9	9.6	7.8
Tex.	4,213	664	836	479	874	662	345	254	9.3	8.9	9.6	9.7
Mont.	2,724	234	312	524	465	627	295	195	10.7	10.0	11.3	10.8
Idaho	336	21	40	84	51	74	36	20	10.1	9.0	11.2	8.0
Wyo.	134	15	32	76	59	73	36	17	10.6	9.8	11.3	10.6
Colo.	757	53	84	155	123	179	81	62	10.9	10.2	11.5	9.8
N. Mex.	326	59	50	44	50	59	30	22	9.3	9.0	9.7	9.5
Ariz.	303	56	52	62	64	81	38	29	10.0	9.5	10.5	10.6
Utah	344	15	28	54	72	96	46	26	12.0	11.8	12.0	8.9
Nev.	97	7	9	16	18	26	11	7	11.5	10.8	12.0	7.4
Pac.	9,194	618	948	1,595	1,639	2,424	995	716	11.4	10.9	11.8	11.6
Wash.	1,412	66	141	294	252	370	146	102	11.2	10.5	11.8	11.3
Oreg.	910	89	91	207	168	229	93	61	10.9	10.2	11.6	8.9
Calif.	6,558	445	670	1,052	1,172	1,759	735	533	11.6	11.2	11.9	11.8
Alaska ⁴	67	9	6	10	11	17	8	5	11.3	10.8	12.1	12.2
Hawaii	247	59	40	32	36	49	13	15	8.7	8.6	8.9	(6)
Puerto Rico ⁴	842	546	137	58	40	30	14	15	3.7	4.1	3.3	3.8

¹ Includes persons for whom years of school completed was not reported, not shown separately.² Includes persons reporting no school years completed.³ Excludes Hawaii. ⁴ Based on complete-count data. ⁶ Not available.

No. 144. PROJECTIONS OF EDUCATIONAL ATTAINMENT FOR PERSONS 25 YEARS OLD AND OVER, BY SEX: 1960 TO 1980

[In thousands. As of spring of year. Excludes Alaska and Hawaii. Data based on projected age-grade specific attainment rates from the 1950 Census and Current Population Surveys of October 1952 and March 1957. Series A and B in 1970 and 1980 imply the following assumptions regarding trends in educational attainment: A—continuation of short-term past trends in attainment of younger adult age groups; B—continuation of long-term past trends in attainment of younger adult age groups. Figures are based on projections of population as published in Series P-25, No. 187.]

DATE AND SEX	Population 25 years old and over	YEARS OF SCHOOL COMPLETED								Median school years com- pleted	
		Elementary school			High school		College				
		None	1 to 4 years	5 to 7 years	8 years	1 to 3 years	4 years	1 to 3 years	4 years or more		
Total: 1960-----	99,042	1,771	6,255	18,382	17,119	18,701	26,147	8,167	7,522	10.8	
1970—Series A-----	110,033	1,859	5,003	11,404	14,504	21,913	35,427	10,288	10,078	12.0	
Series B-----	110,033	1,874	5,042	11,650	14,861	22,133	34,986	10,123	9,866	12.0	
1980—Series A-----	130,783	1,101	4,062	9,471	11,987	26,194	49,804	13,800	14,367	12.3	
Series B-----	130,783	1,156	4,200	10,078	12,718	27,132	48,702	13,164	13,636	12.2	
Male: 1960-----	47,844	879	3,373	6,644	8,552	8,891	11,016	3,955	4,535	10.5	
1970—Series A-----	52,573	659	2,682	5,598	7,201	10,327	14,720	5,175	6,216	11.9	
Series B-----	52,573	667	2,707	5,691	7,311	10,660	14,396	5,073	6,063	11.8	
1980—Series A-----	62,547	550	2,219	4,619	5,893	12,361	20,576	7,250	9,080	12.3	
Series B-----	62,547	578	2,306	4,952	6,268	13,451	19,590	6,843	8,585	12.2	
Female: 1960-----	51,193	892	2,882	6,718	8,587	9,810	15,131	4,212	2,987	11.0	
1970—Series A-----	57,455	700	2,321	5,808	7,363	11,586	20,707	5,113	3,862	12.1	
Series B-----	57,455	707	2,338	5,959	7,550	11,464	20,590	5,050	3,808	12.0	
1980—Series A-----	68,236	551	1,843	4,851	6,095	13,833	29,228	6,550	5,287	12.2	
Series B-----	68,236	578	1,894	5,146	6,455	13,681	29,112	6,321	5,051	12.2	

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, No. 91.

No. 145. ILLITERACY OF PERSONS 14 YEARS OLD AND OVER, BY AGE, COLOR, SEX, AND URBAN AND RURAL RESIDENCE: 1947 AND 1959

[In thousands. As of October 1947 and March 1959. Excludes Alaska and Hawaii. Data relate to civilian non-institutional population based on Current Population Survey. Persons unable to both read and write in any language were classified as illiterate. Information on illiteracy was obtained in 1959 only for persons completing less than 6 years of school, and in 1947 only for persons completing less than 5 years of school. Persons completing more than that amount were classified as being literate. See also *Historical Statistics, Colonial Times to 1957*, series H 407-411]

AGE, SEX, AND RESIDENCE	Popula- tion	1947				Popula- tion	1959						
		Illiterate		Percent illit- erate by color			Illiterate		Percent illit- erate by color				
		Num- ber	Per- cent	White	Non- white		Num- ber	Per- cent	White	Non- white			
Total, 14 and over-----	106,428	2,838	2.7	1.8	11.0	121,373	2,619	2.2	1.6	7.5			
14 to 24 years-----	24,257	232	1.0	0.6	4.4	25,118	144	0.6	0.5	1.2			
25 to 34 years-----	22,481	310	1.4	0.8	7.2	22,700	252	1.1	0.7	4.2			
35 to 44 years-----	19,898	420	2.1	1.8	9.7	23,443	323	1.4	0.9	6.1			
45 to 54 years-----	16,625	506	3.0	2.0	13.8	20,135	442	2.2	1.3	10.2			
55 to 64 years-----	12,652	662	5.2	4.2	19.1	15,070	487	3.2	2.3	13.0			
65 years and over-----	10,515	709	6.7	4.9	32.4	14,907	971	6.5	5.1	25.5			
Urban-----	64,900	1,267	2.0	(1)	(1)	75,599	1,295	1.7	1.3	5.0			
Rural nonfarm-----	22,026	539	2.4	(1)	(1)	31,215	697	2.2	1.6	11.5			
Rural farm-----	19,501	1,032	5.3	(1)	(1)	14,559	627	4.3	2.8	14.3			
Male, 14 and over-----	51,733	1,557	3.0	1.9	14.2	58,378	1,480	2.5	1.7	9.8			
14 to 24 years-----	11,706	158	1.3	(1)	(1)	12,063	100	0.8	0.7	1.7			
25 to 34 years-----	10,726	192	1.8	(1)	(1)	11,070	149	1.3	0.9	5.1			
35 to 44 years-----	9,717	262	2.7	(1)	(1)	11,416	214	1.9	1.1	9.1			
45 to 54 years-----	8,235	281	3.4	(1)	(1)	9,827	283	2.9	1.6	15.0			
55 to 64 years-----	6,344	318	5.0	(1)	(1)	7,232	255	3.7	2.5	16.5			
65 years and over-----	5,005	348	7.0	(1)	(1)	6,770	469	6.9	5.3	28.3			
Urban-----	30,851	590	1.9	(1)	(1)	35,480	629	1.8	1.2	6.3			
Rural nonfarm-----	10,776	309	2.9	(1)	(1)	15,306	426	2.8	2.0	14.3			
Rural farm-----	10,107	659	6.5	(1)	(1)	7,592	425	5.6	3.6	18.9			
Female, 14 and over-----	54,693	1,280	2.3	1.7	8.2	62,995	1,139	1.8	1.4	5.4			
14 to 24 years-----	12,550	74	0.6	(1)	(1)	13,055	44	0.3	0.3	0.7			
25 to 34 years-----	11,754	118	1.0	(1)	(1)	11,630	103	0.9	0.6	3.4			
35 to 44 years-----	10,181	158	1.6	(1)	(1)	12,027	109	0.9	0.6	3.5			
45 to 54 years-----	8,390	225	2.7	(1)	(1)	10,308	159	1.5	1.1	5.8			
55 to 64 years-----	6,308	344	5.5	(1)	(1)	7,538	222	2.8	2.2	9.6			
65 years and over-----	5,510	361	6.6	(1)	(1)	8,137	502	6.2	5.0	23.0			
Urban-----	34,049	677	2.0	(1)	(1)	40,119	666	1.7	1.4	3.8			
Rural nonfarm-----	11,250	230	2.0	(1)	(1)	15,909	271	1.7	1.2	8.8			
Rural farm-----	9,395	373	4.0	(1)	(1)	6,967	202	2.9	1.9	9.4			

¹ Not available.

Source: Department of Commerce, Bureau of the Census; *Current Population Reports*, Series P-20, Nos. 45 and 99.

ELEMENTARY AND SECONDARY SCHOOLS

113

No. 146. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—SUMMARY: 1900 TO 1956

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 223-231, H 234-240 and H 246-261]

ITEM	1900	1920	1940	1950	1954	1956
ENROLLMENT AND TEACHERS						
Total population ¹1,000..	75,995	104,512	130,880	148,605	158,313	164,303
Population 5-17 years, inclusive ¹do.....	21,573	27,556	30,150	30,204	34,540	37,262
Percent of total population.....	28.4	26.4	23.0	20.3	21.8	22.7
Pupils enrolled.....1,000..	15,503	21,578	25,434	25,111	28,836	31,103
Percent of total population.....	20.4	20.6	19.4	16.9	18.2	19.0
Percent of population 5-17, inclusive.....	71.9	78.3	84.4	83.1	83.5	83.6
Average daily attendance.....1,000..	10,033	16,150	22,042	22,284	25,044	27,740
Percent of pupils enrolled.....	68.6	74.8	86.7	88.7	88.9	89.0
Average length of term in days.....	144.3	161.9	175.0	177.9	178.6	178.0
Average number of days attended per enrolled pupil.....	99.0	121.2	151.7	157.9	158.9	158.5
Teachers ²1,000..	428	657	875	914	1,042	1,149
Male.....do.....	127	93	195	195	326	326
Percent.....	29.9	14.1	22.2	21.3	324.6	326.0
Female.....1,000..	296	565	681	719	786	850
RECEIPTS						
Total receipts.....mil. dol.	220	970	2,261	5,437	7,867	9,687
State taxes and appropriations.....do.....	38	134	659	2,128	2,790	3,700
Intermediate and local taxes and appropriations.....do.....	149	759	1,490	2,901	4,337	5,117
All other sources.....do.....	32	77	111	414	740	870
EXPENDITURE						
Total expenditure.....do.....	215	1,036	2,344	5,838	9,092	10,955
Current expenditure for day schools ⁴do.....	180	861	1,942	4,687	6,791	8,251
Other current expenditure ⁵do.....	3	3	13	36	92	101
Capital outlay.....do.....	35	154	258	1,014	2,055	2,387
Interest.....do.....		18	131	101	154	216
In current dollars:						
Total expenditure:						
Salaries of total instructional staff.....do.....	138	590	1,314	2,896	4,201	5,103
Average annual salary per member.....						
of total instructional staff.....do.....	325	871	1,441	3,010	3,825	4,156
Per capita of total population.....do.....	2.83	0.91	17.91	39.27	57.43	66.68
Per pupil in average daily attendance in day schools ⁶do.....	20.21	64.16	105.74	258.85	350.90	388.06
Current expenditure per pupil in average daily attendance in day schools ⁷do.....	8 16.67	53.52	88.09	208.83	264.76	294.22
In 1956 dollars:						
Total expenditure:						
Average annual salary per member of total instructional staff.....do.....						
1,229	2,772	3,416	3,821	4,156		
Per capita of total population.....do.....	13.98	34.46	44.57	57.37	66.68	
Per pupil in average daily attendance in day schools ⁶do.....	90.53	203.44	293.79	350.55	388.06	
Current expenditure per pupil in average daily attendance in day schools ⁷do.....	75.52	169.49	237.02	264.50	294.22	

¹ For 1900, enumerated population as of June 1; for all other years, estimated as of July 1 of preceding year (1919, 1929, etc.); excludes Armed Forces overseas.² Includes librarians and other nonsupervisory instructional staff; excludes supervisors and principals. Prior to 1940, figures represent number of persons employed rather than number of positions.³ Estimated.⁴ Through 1950, includes community services.⁵ Comprises summer schools, community colleges, and adult education, and beginning 1954, community services.⁶ Based on current expenditure allocable to pupil costs, capital outlay, and interest.⁷ Based on expenditure allocable to pupil costs.⁸ Includes interest.Source (except for population statistics): Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education, and Chapter 2, Statistics of State School Systems.

NO. 147. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY GRADE: 1940 TO 1957

[In thousands. Excludes Alaska and Hawaii through 1956; includes Alaska for 1957. See also *Historical Statistics, Colonial Times to 1957*, series H 224-227]

SCHOOL AND GRADE	1940	1944	1946	1948	1950	1952	1954	1956	1957
Pupils enrolled-----	25,434	23,267	23,300	23,945	25,111	26,563	28,836	31,163	32,371
Kindergarten and grades 1 to 8-----	18,832	17,713	17,678	18,291	19,387	20,681	22,546	24,290	25,047
Kindergarten-----	595	607	773	989	1,034	1,272	1,474	1,564	1,677
First-----	8,018	8,279	8,395	9,951	3,170	2,657	3,666	3,495	3,496
Second-----	2,333	2,221	2,319	2,363	2,645	2,670	2,940	3,242	3,245
Third-----	2,332	2,163	2,191	2,259	2,396	2,718	2,569	3,201	3,188
Fourth-----	2,322	2,080	2,094	2,183	2,254	2,559	2,505	2,848	3,242
Fifth-----	2,248	2,017	2,006	2,055	2,151	2,320	2,607	2,481	2,812
Sixth-----	2,176	1,998	1,910	1,940	2,056	2,166	2,449	2,470	2,445
Seventh-----	2,108	1,965	1,837	1,808	1,947	2,083	2,242	2,542	2,478
Eighth-----	1,701	1,694	1,654	1,653	1,734	1,936	2,032	2,357	2,463
Grades 9 to 12 and post-graduates-----	6,601	5,554	5,622	5,653	5,725	5,882	6,290	6,873	7,324
Ninth year-----	2,011	1,775	1,728	1,678	1,761	1,820	1,944	2,143	2,370
Tenth year-----	1,767	1,520	1,555	1,503	1,513	1,582	1,717	1,849	1,975
Eleventh year-----	1,486	1,230	1,256	1,272	1,275	1,338	1,412	1,543	1,616
Twelfth year-----	1,282	1,010	1,032	1,131	1,134	1,111	1,190	1,326	1,350
Postgraduate-----	55	20	50	75	42	31	27	13	13

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems, and *Statistics of State School Systems, 1955-57*, circular No. 572.

NO. 148. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—EXPENDITURE, BY PURPOSE: 1930 TO 1956

[Excludes Alaska and Hawaii. See also *Historical Statistics, Colonial Times to 1957*, series H 252-261]

PURPOSE	1930		1940		1950		1956	
	Total (\$1,000)	Per- cent	Total (\$1,000)	Per- cent	Total (\$1,000)	Per- cent	Total (\$1,000)	Per- cent
Total expenditure, all schools-----	2,316,790	100.0	2,344,049	100.0	5,837,643	100.0	10,955,047	100.0
Total current expenditure, all schools-----	1,853,377	80.0	1,955,166	83.4	4,722,888	80.9	8,352,162	76.2
Current expenditure for day schools-----	1,843,552	79.6	1,941,799	82.8	4,687,274	80.3	8,251,420	75.3
Administration----- ¹	78,680	3.4	91,571	3.9	220,050	3.8	372,056	3.4
Instruction ¹ -----	1,317,727	56.9	1,403,285	59.9	3,112,340	53.3	5,501,921	50.2
Plant operation-----	216,072	9.3	194,365	8.3	427,587	7.3	752,739	6.9
Plant maintenance-----	78,810	3.4	73,321	3.1	214,164	3.7	319,560	2.9
Fixed charges-----	50,270	2.2	50,116	2.1	261,469	4.5	531,393	4.9
Other school services ² -----	101,998	4.4	129,141	5.5	451,663	7.7	772,851	7.1
Other current expenditure ³ -----	9,825	0.4	13,367	0.6	35,614	0.6	100,743	0.9
Capital outlay-----	370,878	16.0	257,974	11.0	1,014,176	17.4	2,387,187	21.8
Interest-----	92,536	4.0	130,909	5.6	100,578	1.7	215,699	2.0

¹ Includes salaries of clerical assistants, free textbooks, school library books, and supplies.

² Through 1950, items included under "other school services" were listed under "auxiliary services," a more comprehensive classification which also included community services.

³ Comprises current expenditures for summer schools, adult education, community colleges, and for 1956, community services.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of State School Systems.

ELEMENTARY AND SECONDARY SCHOOLS

115

NO. 149. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, TEACHERS, AND SCHOOLROOMS, BY STATES: FALL 1959

[Enrollment data, compiled in the fall, are not directly comparable with the cumulative statistics on enrollment which, in *Biennial Survey of Education in the United States*, are given for an entire school year. Except as noted, schools are classified by type of organization, rather than by grade-group; elementary includes kindergarten and secondary includes junior high schools]

STATE	PUPILS ENROLLED		CLASSROOM TEACHERS				PUPILS IN EXCESS OF NORMAL CAPACITY OF SCHOOL PLANTS IN USE		INSTRUCTION ROOMS	
			Total ¹		Teaching under substandard credentials ²				Additional needed	Scheduled for completion during fiscal 1960
	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	Elementary	Secondary	\$132,000	63,000
U.S.	24,034,000	11,252,000	840,000	527,000	70,000	29,000	\$1,221,000	\$62,000	\$132,000	63,000
N.E.	1,235,524	554,798	44,989	28,674	2,605	1,142	58,689	32,900	6,551	2,654
Maine	150,239	46,796	5,492	2,776	275	84	7,198	3,889	770	197
N.H.	71,157	31,264	2,776	1,599	173	72	2,506	1,836	312	192
Vt.	52,108	20,714	2,060	1,075	255	95	3,805	1,557	989	116
Mass.	558,278	274,049	20,364	13,501	450	241	30,640	15,320	3,132	1,200
R.I.	475,727	452,679	2,620	2,431	202	200	4,246	4,1,741	416	242
Conn.	331,015	129,296	11,677	7,542	1,250	450	10,894	8,557	952	707
M.A.	8,538,749	2,157,236	129,729	104,086	8,579	8,721	288,730	174,682	24,863	8,108
N.Y.	1,616,000	1,119,000	62,300	55,300	3,300	6,700	163,000	103,000	18,000	4,000
N.J.	766,000	246,000	29,580	13,920	4,800	1,600	54,230	34,282	3,728	1,900
Pa.	1,156,749	702,236	37,849	34,866	479	421	31,500	37,400	8,135	2,208
E.N.C.	4,633,840	2,142,307	168,491	98,201	17,968	5,322	173,776	68,619	17,739	12,787
Ohio	1,249,673	582,806	40,379	27,822	3,932	1,306	33,108	6,692	2,634	2,867
Ind.	4573,400	366,600	18,258	15,742	2,322	678	12,000	8,000	1,505	2,000
Ill.	1,258,431	404,570	48,829	22,562	4,314	888	54,568	4,152	4,590	2,170
Mich.	1,050,380	590,831	41,700	23,300	6,650	2,350	81,750	49,325	8,700	4,100
Wis.	502,000	198,000	19,325	8,775	750	100	1,350	450	310	1,650
W.N.C.	2,148,257	911,009	82,455	49,104	1,675	629	(6)	(6)	(6)	(6)
Minn.	413,800	263,000	15,150	12,625	450	225	13,960	9,720	3,941	1,200
Iowa	376,340	190,913	14,540	10,644	226	110	20,000	10,000	1,300	600
Mo.	610,200	194,800	20,391	8,589	267	128	33,800	11,000	4,156	1,400
N. Dak.	876,954	53,219	74,829	7,1990	7120	-----	5,500	800	350	250
S. Dak.	110,986	36,792	5,709	2,349	125	38	3,919	1,764	554	171
Nebr.	194,977	79,285	9,046	4,807	488	128	5,522	2,629	521	461
Kans.	5345,000	113,000	12,700	8,100	-----	-----	(6)	(6)	(6)	410
S.A.	3,739,066	1,823,691	126,553	73,502	10,220	2,923	(6)	(6)	25,103	8,473
Del.	45,399	32,362	1,855	1,593	411	87	674	772	111	226
Md.	349,121	233,894	811,684	810,400	3,994	1,606	35,732	37,784	3,430	1,228
D.C.	77,817	38,770	2,471	1,726	700	300	14,703	2,496	626	274
Va.	576,081	244,497	19,156	11,757	2,090	345	46,228	22,900	4,345	1,496
W. Va.	283,080	188,795	9,979	6,740	936	273	11,922	9,193	2,061	252
N.C.	828,006	261,736	27,821	11,581	1,473	253	(6)	(6)	3,412	1,533
S.C.	376,135	196,949	12,292	8,190	014	029	11,910	9,800	1,801	565
Ga.	10,655,272	10,275,352	21,284	11,240	196	4	10,64,876	10,34,034	4,526	1,100
Fla.	548,155	371,338	20,011	15,275	406	26	43,726	27,777	4,791	1,799
E.S.C.	1,959,518	767,383	61,583	32,691	8,180	3,391	129,922	56,744	20,913	4,778
Ky.	441,252	169,740	15,297	7,760	2,074	500	23,817	9,256	8,618	835
Tenn.	596,489	183,439	21,277	7,453	900	250	8,052	2,370	1,047	-----
Ala.	474,777	301,204	14,469	11,412	2,026	2,391	54,565	36,278	6,304	1,047
Miss.	5447,000	113,000	10,540	6,066	2,250	250	43,488	8,840	3,686	1,849
W.S.C.	2,738,241	1,004,359	88,775	50,554	5,341	2,971	135,796	58,051	9,766	6,365
Ark.	240,146	181,914	7,326	6,563	1,879	504	14,238	11,811	2,197	602
La.	545,000	180,000	16,625	10,125	1,098	532	24,000	7,950	2,003	1,540
Okla.	322,000	213,000	11,340	8,500	-----	-----	16,038	4,116	1,009	1,125
Tex.	1,631,095	453,445	53,484	25,366	2,364	1,935	81,520	34,174	4,557	3,098
Mt.	1,002,340	530,606	37,546	24,700	3,146	575	73,629	42,258	6,508	3,134
Mont.	96,313	46,537	4,401	2,425	403	37	3,023	1,517	572	150
Idaho	92,443	63,447	3,809	2,787	1,186	310	5,608	4,819	761	195
Wyo.	49,303	26,185	2,105	1,635	823	12	1,015	605	102	90
Colo.	238,000	140,000	8,286	6,867	204	52	16,000	10,500	1,125	800
N. Mex.	4,127,137	84,197	4,691	3,705	58	-----	4,9,257	4,6,686	1,078	358
Ariz.	220,318	60,051	7,721	2,591	43	12	26,679	11,986	1,676	751
Utah	138,332	90,494	4,496	3,746	889	152	8,707	5,797	925	565
Nev.	40,494	19,785	1,537	944	-----	-----	4,340	948	269	225
Pac.	3,038,846	1,359,817	99,704	60,547	11,826	3,674	62,567	27,911	8,333	11,898
Wash.	454,989	154,035	15,598	10,653	2,100	500	14,423	15,966	2,272	836
Oreg.	267,078	112,621	10,451	5,602	2,115	75	4,600	4,225	694	583
Calif.	2,200,000	1,030,000	69,500	42,000	7,500	3,000	40,000	5,000	4,600	10,000
Alaska	32,465	6,984	1,259	441	59	11	2,758	1,743	293	166
Hawaii	84,314	56,177	2,896	1,851	52	88	786	977	474	313

¹ Excludes supervisors, principals, librarians, etc.

² Some teachers may have met the State minimum general education requirements (which vary from State to State), but lack required hours of professional education. ³ Includes estimates for nonreporting States.

⁴ Reported by grade group; kindergarten through grade 6 for elementary and grades 7-12 for secondary; data for Indiana as of June 1959.

⁵ Reported by grade group; kindergarten through grade 8 for elementary and grades 9-12 for secondary.

⁶ Not available. ⁷ As of June 30, 1958. ⁸ Includes counselors and librarians. ⁹ Data for fall 1958.

¹⁰ Reported by grade group; kindergarten through grade 7 for elementary and grades 8-12 for secondary.

No. 150. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1930 TO 1957

[In thousands. See also table 149]

STATE OR OTHER AREA	1930		1940		1950		1956		1957 estimate	
	Elementary ¹	Secondary ²								
	21,347	4,407	18,907	6,625	19,464	5,752	24,317	6,878	25,153	7,343
United States										
New England	1,194	298	990	410	962	331	1,252	353	1,277	391
Maine	124	30	124	40	124	34	141	36	141	38
New Hampshire	60	14	54	22	53	18	70	21	72	22
Vermont	54	12	51	14	49	12	56	15	62	16
Massachusetts	594	165	481	219	454	178	582	184	600	198
Rhode Island	101	17	84	31	71	25	92	25	93	28
Connecticut	260	59	196	85	210	63	311	77	319	89
Middle Atlantic	4,028	843	3,324	1,472	3,095	1,128	3,914	1,192	4,014	1,287
New York	1,717	425	1,515	712	1,458	540	1,899	569	1,951	616
New Jersey	672	120	503	214	495	180	679	185	706	202
Pennsylvania	1,639	298	1,306	546	1,142	408	1,336	438	1,357	469
East North Central	3,897	979	3,248	1,392	3,478	1,132	4,595	1,356	4,733	1,437
Ohio	1,012	266	842	372	917	286	1,254	364	1,270	379
Indiana	523	144	474	197	524	166	676	204	692	213
Illinois	1,095	301	873	376	871	283	1,141	346	1,187	375
Michigan	809	162	683	287	810	260	1,085	285	1,126	306
Wisconsin	455	100	376	160	356	138	439	157	449	164
West North Central	2,284	570	1,917	728	1,828	584	2,171	672	2,205	705
Minnesota	453	99	365	147	359	123	443	151	452	164
Iowa	437	117	364	139	365	113	421	120	430	133
Missouri	524	132	525	176	499	145	575	168	582	176
North Dakota	140	30	106	34	88	27	96	31	96	32
South Dakota	134	31	98	38	89	29	105	32	106	33
Nebraska	256	69	195	81	188	60	196	62	199	64
Kansas	340	92	264	112	261	87	335	99	340	103
South Atlantic	3,271	484	3,120	804	3,251	809	4,040	1,025	4,151	1,094
Delaware	35	7	32	12	35	11	51	14	53	16
Maryland	235	42	219	68	270	65	393	102	411	115
District of Columbia	65	16	71	25	75	22	87	24	88	24
Virginia	489	74	454	114	480	118	612	138	627	148
West Virginia	347	49	361	92	349	90	352	106	350	109
North Carolina	750	117	684	202	704	181	801	223	810	230
South Carolina	416	53	395	87	415	79	459	105	462	110
Georgia	633	81	612	126	571	147	705	159	720	169
Florida	301	45	292	77	353	97	580	154	630	173
East South Central	2,189	246	2,155	379	2,009	421	2,091	527	2,119	550
Kentucky	526	62	507	97	467	96	478	120	488	127
Tennessee	558	70	540	108	539	120	597	158	600	165
Alabama	562	61	586	100	556	124	580	154	585	159
Mississippi	543	52	521	73	447	81	436	95	446	99
West South Central	2,437	444	2,226	653	2,147	539	2,561	719	2,634	750
Arkansas	410	46	392	73	329	78	326	93	324	96
Louisiana	377	58	374	99	400	84	474	125	493	131
Oklahoma	578	104	472	140	340	101	374	128	376	132
Texas	1,072	236	987	341	1,078	276	1,387	373	1,441	391
Mountain	728	171	671	235	761	223	1,032	298	1,097	312
Montana	96	25	75	32	80	26	97	31	101	33
Idaho	94	27	87	34	91	31	108	37	111	38
Wyoming	43	11	40	16	46	14	54	16	56	17
Colorado	197	43	163	58	177	52	257	70	276	71
New Mexico	89	13	109	23	121	27	146	40	160	42
Arizona	89	15	88	22	112	28	177	46	192	50
Utah	105	33	93	43	115	39	151	47	157	50
Nevada	14	4	15	6	20	6	42	11	44	11
Pacific	1,319	373	1,256	552	1,933	585	2,660	732	2,926	821
Washington	259	85	226	106	309	92	435	127	453	135
Oregon	155	48	128	61	189	66	256	83	263	88
California	837	232	828	362	1,358	399	1,942	517	2,073	573
Alaska	3	1	5	2	12	2	27	5	31	5
Hawaii	65	7	70	22	65	25	(?)	(?)	8106	820
American Samoa	2	—	3	(10)	3	1	5	1	5	(11)
Canal Zone	6	1	6	1	8	2	9	2	9	2
Guam	4	(10)	5	(10)	(11)	(11)	10	2	10	2
Puerto Rico	214	7	270	16	362	48	478	67	483	71

¹ Kindergarten through grade 8. ² Grades 9 through 12 and postgraduates; 1930 data include secondary pupils in local normal and vocational schools.

³ Excludes Hawaii. ⁴ Membership at close of year. ⁵ Excludes vocational schools. ⁶ As of Mar. 31.

⁷ Enrollment of 119,000 not available by breakdown. ⁸ Kindergarten through grade 9.

⁹ Grades 10 through 12. ¹⁰ Less than 500 pupils. ¹¹ Not available. ¹² As of February 1956.

TYPE OF SCHOOLS

117

No. 151. NUMBER OF SCHOOLS OF SPECIFIED TYPES, BY STATES AND FOR OTHER AREAS: 1956

[See also *Historical Statistics, Colonial Times to 1957*, series H 243-244, for totals]

STATE OR OTHER AREA	PUBLIC SCHOOLS (excluding kin- dergarten)		NONPUBLIC SCHOOLS (excluding kin- dergarten)		INSTITUTIONS OF HIGHER EDUCATION ²		Schools of nursing not affiliated with colleges and univer- sities ³
	Elemen- tary	Sec- ond- ary ¹	Elemen- tary	Sec- ond- ary ¹	Pub- licly con- trolled	Pri- vately con- trolled	
United States	104,721	26,147	4 12,489	4 3,914	6 652	1,200	923
New England							
Maine	4,928	1,147	979	496	38	114	97
New Hampshire	1,109	228	4 104	4 69	7	10	6
Vermont	425	91	32	52	3	5	11
Massachusetts	625	80	4 34	23	4	10	6
Rhode Island	1,722	521	4 498	4 228	16	53	52
Connecticut	293	66	78	31	2	9	5
Middle Atlantic	754	161	183	93	6	22	17
New York	9,943	2,637	2,796	891	63	235	234
New Jersey	3,784	1,352	4 1,242	488	37	107	92
Pennsylvania	1,622	205	4 466	117	10	28	37
East North Central	4,537	990	4 1,088	4 286	16	100	105
Ohio	18,848	4,293	3,309	772	90	228	184
Indiana	2,943	1,140	687	164	9	52	54
Illinois	2,150	883	350	63	6	34	18
Michigan	4,345	897	994	184	18	82	72
Wisconsin	4,825	808	641	256	22	32	21
West North Central	4,576	565	4 637	6 106	35	28	19
Minnesota	26,018	3,970	1,852	475	98	138	104
Iowa	4,421	666	459	95	15	27	17
Missouri	5,451	896	364	131	19	31	22
North Dakota	3,436	611	4 424	4 101	15	36	23
South Dakota	2,467	380	67	23	11	1	8
Nebraska	3,066	289	6 78	6 28	7	8	5
Kansas	4,415	496	246	58	10	12	10
South Atlantic	2,762	632	214	39	21	23	19
Delaware	12,611	4,190	890	376	84	193	138
Maryland	120	37	4 42	4 15	2	2	6
District of Columbia	786	223	366	76	12	20	18
Virginia	125	38	60	32	2	22	4
West Virginia	2,190	474	6 74	6 74	8	32	29
North Carolina	3,090	380	60	27	10	10	17
South Carolina	2,158	920	62	41	16	39	29
Georgia	1,308	395	37	14	7	23	12
Florida	1,615	1,251	4 52	4 35	19	28	10
East South Central	1,219	472	4 137	62	8	17	13
Kentucky	11,805	3,118	517	208	48	101	45
Tennessee	3,925	496	244	69	9	31	9
Alabama	3,009	532	4 90	4 46	7	37	12
Mississippi	2,639	1,367	123	50	9	17	11
West South Central	2,332	723	60	43	23	16	13
Arkansas	9,348	4,055	825	279	87	79	47
Louisiana	1,563	681	55	22	9	10	6
Oklahoma	1,437	596	264	95	9	11	6
Texas	2,299	982	4 91	4 40	22	9	8
Mountain	4,049	1,796	4 415	6 122	47	49	27
Montana	4,552	1,291	388	131	45	21	23
Idaho	1,054	185	6 61	6 22	8	3	3
Wyoming	478	176	45	11	4	3	4
Colorado	543	131	4 12	6 2	2		
New Mexico	831	357	4 94	23	13	8	8
Arizona	614	176	101	36	7	2	1
Utah	447	82	4 54	4 24	5	2	4
Nevada	387	147	4 12	6 11	5	3	3
Pacific	198	37	9	2	1		
Washington	6,668	1,446	933	286	94	91	51
Oregon	1,124	410	4 142	4 53	14	12	11
California	1,085	226	6 97	6 28	8	18	5
Alaska	4,165	709	4 577	178	70	61	33
Hawaii	127	30	18	8	1		
American Samoa	167	71	99	19	1		2
Canal Zone	45	7	6		1		
Guam	16	10			1		
Puerto Rico	20	2	2	1	1		
Virgin Islands	1,806	345	139	79	1	3	8
	25	3	11	3			

¹ Comprises regular 4-year, junior, senior, and junior-senior high schools.² Comprises universities, colleges, professional schools, teachers colleges, normal schools, and junior colleges.³ October 1955. ⁴ Partially estimated.⁵ Includes 5 U. S. Service Academies, not shown separately. ⁶ Data for 1953-54.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 1, Statistical Summary of Education.

NO. 152. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—ENROLLMENT, ATTENDANCE, AND HIGH SCHOOL GRADUATES, BY STATES AND FOR OTHER AREAS: 1956 AND 1957
 [Includes data for kindergartens. Excludes data for residential schools for exceptional children, observation and practice schools, preparatory departments of colleges and universities, Federal schools for Indians, and Federal schools on Federal installations]

STATE OR OTHER AREA	1956				1957 ¹			
	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates	Enrollment (1,000)	Average daily attendance (1,000)	Percent of pupils enrolled attending daily	High school graduates
United States	31,314	27,879	89.0	1,257,957	32,496	29,017	89.3	1,275,835
New England	1,610	1,451	90.1	67,976	1,667	1,508	90.5	68,619
Maine	717	664	92.8	6,744	180	166	92.6	7,018
New Hampshire	90	81	89.8	3,856	94	85	90.3	3,933
Vermont	71	64	90.6	2,802	68	66	96.4	2,897
Massachusetts	766	689	89.9	35,139	798	717	89.8	35,300
Rhode Island	117	103	87.6	4,360	120	107	89.0	4,271
Connecticut	389	350	90.0	15,075	407	367	90.0	15,200
Middle Atlantic	5,107	4,491	87.9	216,586	5,300	4,669	88.1	214,815
New York	2,468	2,115	85.7	96,677	2,586	2,205	85.9	95,925
New Jersey	865	766	85.6	35,416	908	811	89.3	35,300
Pennsylvania	1,774	1,610	90.7	84,493	1,826	1,653	90.5	83,590
East North Central	5,950	5,330	94.6	260,216	6,171	5,568	90.2	261,521
Ohio	1,618	1,468	90.7	67,579	1,658	1,542	93.0	67,590
Indiana	879	742	84.4	39,030	905	790	87.3	40,184
Illinois	1,487	1,309	88.1	64,439	1,562	1,373	88.0	63,036
Michigan	2,170	1,264	92.3	55,347	1,433	1,307	91.2	56,958
Wisconsin	3,506	547	91.8	33,821	613	556	90.7	33,773
West North Central	2,844	2,523	89.7	133,562	2,909	2,565	88.2	135,267
Minnesota	594	545	91.7	31,206	615	561	91.2	31,837
Iowa	551	492	89.4	26,749	563	504	89.4	26,716
Missouri	742	631	85.0	29,417	758	626	82.6	30,862
North Dakota	127	117	92.6	6,307	128	117	91.1	8,275
South Dakota	187	120	87.2	6,734	140	124	88.6	6,702
Nebraska	268	237	92.0	13,238	262	242	92.2	13,169
Kansas	435	381	87.7	10,911	443	391	88.2	10,706
South Atlantic	5,064	4,462	88.1	172,671	5,245	4,621	88.1	173,923
Delaware	65	57	87.9	2,600	69	62	89.9	2,563
Maryland	495	438	88.4	16,765	526	463	88.0	17,122
District of Columbia	111	95	85.6	3,034	112	96	85.8	3,283
Virginia	750	668	89.0	25,953	775	693	89.5	24,723
West Virginia	458	416	90.8	19,253	459	419	91.4	19,000
North Carolina	1,024	927	90.6	38,161	1,039	943	90.8	38,647
South Carolina	563	482	85.5	16,970	572	491	85.9	16,900
Georgia	864	747	86.5	25,298	890	762	85.7	25,085
Florida	734	632	86.1	24,637	803	692	86.2	26,600
East South Central	2,617	2,306	88.1	88,376	2,669	2,345	87.9	89,796
Kentucky	598	535	89.5	20,025	615	542	88.1	20,301
Tennessee	755	678	89.8	26,351	765	691	90.3	26,395
Alabama	733	649	88.5	25,100	744	663	89.1	26,700
Mississippi	531	444	83.5	15,900	545	449	82.3	16,400
West South Central	3,280	2,881	87.8	125,704	3,384	2,992	88.4	127,137
Arkansas	419	360	86.1	16,636	420	367	87.3	16,690
Louisiana	599	532	88.8	21,320	624	556	89.1	21,935
Oklahoma	602	453	90.2	23,457	508	460	90.6	23,400
Texas	1,760	1,536	87.3	64,291	1,832	1,609	87.8	65,132
Mountain	1,330	1,163	87.4	52,362	1,407	1,219	86.6	54,830
Montana	128	116	90.5	5,843	133	120	90.4	6,400
Idaho	145	131	90.3	6,888	149	135	90.6	6,934
Wyoming	70	64	90.8	3,134	73	63	86.4	3,600
Colorado	327	275	84.1	12,314	347	292	84.2	12,879
New Mexico	186	161	86.4	6,244	202	171	84.6	6,481
Arizona	223	191	85.6	7,119	242	203	88.7	7,575
Utah	199	181	91.3	9,045	206	189	91.6	9,150
Nevada	52	44	83.1	1,780	55	46	83.0	1,811
Pacific	3,510	3,273	83.2	140,504	3,746	3,533	94.3	149,907
Washington	561	475	84.6	22,599	588	501	85.2	23,101
Oregon	330	298	88.1	15,268	350	309	88.1	15,853
California	2,459	2,360	95.9	96,746	2,646	2,577	97.4	104,938
Alaska	32	27	88.5	670	37	29	78.9	715
Hawaii	119	113	94.6	5,233	125	117	93.6	5,300
American Samoa	5	(*)	(*)	48	5	(*)	(*)	(*)
Canal Zone	11	10	87.2	402	11	(*)	(*)	(*)
Guam	12	10	87.2	383	12	(*)	(*)	(*)
Puerto Rico	545	483	88.6	15,479	554	489	88.3	16,080
Virgin Islands	6	5	92.0	150	6	6	92.1	137

¹ Estimated. ² Membership at close of year. ³ Excludes vocational schools.

⁴ Includes an estimate of average daily attendance in kindergarten. ⁵ Estimated by Office of Education.

⁶ As of Mar. 31. ⁷ Includes "excused absences." ⁸ Not available. ⁹ As of February 1956.

¹⁰ Includes pupils receiving commercial diplomas, and veterans and adults completing secondary schools.

ELEMENTARY AND SECONDARY SCHOOLS

119

NO. 153. PUBLIC ELEMENTARY AND SECONDARY SCHOOLS—NUMBER AND SALARIES OF INSTRUCTIONAL STAFF AND TEACHERS, BY STATES AND FOR OTHER AREAS: 1950 TO 1956

STATE OR OTHER AREA	TOTAL INSTRU- CTIONAL STAFF ¹		CLASSROOM TEACHERS ²			SALARIES OF TOTAL INSTRUCTIONAL STAFF				
			1950		1954	Total (\$1,000)		Average salary (dollars)		
	1954	1956	1950	1954	1956	1954	1956	1950	1954	1956
U.S.	1,103,273	1,219,048	917,413	1,047,029	1,154,446	4,222,090	5,128,237	3,013	3,827	4,157
N.E.	61,427	66,925	50,773	57,668	62,872	231,748	279,618	3,153		
Maine	7,305	7,292	6,323	7,154	7,126	17,727	31,007	2,115	2,427	2,881
N.H.	3,413	3,723	2,816	3,240	3,539	11,101	13,066	2,712	3,252	3,510
Vt.	2,887	3,006	2,405	2,622	2,730	8,142	9,333	2,348	2,820	3,105
Mass.	29,505	32,136	24,596	27,572	29,863	118,201	139,365	3,338	4,006	4,337
R.I.	4,345	4,811	3,984	4,087	4,520	16,864	21,371	3,294	3,881	4,442
Conn.	13,972	15,957	10,649	12,993	15,094	59,713	75,476	3,558	4,274	4,730
M.A.	189,113	211,861	162,389	180,006	201,482	831,799	1,035,742	3,433		
N.Y.	93,948	103,520	79,670	89,279	95,146	437,612	546,235	3,706	4,658	5,277
N.J.	33,128	37,060	27,109	31,654	35,399	141,479	175,907	3,511	4,271	4,747
Pa.	62,037	71,281	55,610	59,073	67,937	252,708	313,600	3,006	4,074	4,400
E.N.C.	208,423	232,640	172,264	199,831	220,656	852,133	1,057,838	3,296		
Ohio	52,875	59,697	43,650	51,139	56,808	212,109	258,911	3,088	4,012	4,337
Ind.	28,855	32,074	23,428	26,055	29,984	117,891	140,347	3,401	4,086	4,376
Ill.	54,122	59,027	47,224	51,577	57,113	235,584	292,429	3,458	4,353	4,757
Mich.	49,380	55,026	37,157	47,175	51,191	197,495	259,205	3,420	3,999	4,711
Wis.	23,191	25,916	20,805	22,985	25,860	89,094	106,946	3,007	3,840	4,127
W.N.C.	120,714	128,233	104,003	115,160	122,664	378,706	446,614	2,550		
Minn.	22,902	24,888	19,574	22,119	23,976	84,451	102,562	3,013	3,087	4,121
Iowa	25,763	27,214	21,319	24,535	25,935	74,634	86,569	2,420	2,897	3,181
Mo.	25,598	27,339	22,494	24,260	26,180	81,618	96,222	2,581	3,188	3,620
N. Dak.	7,166	7,354	6,537	6,981	7,169	19,058	21,478	2,324	2,659	2,929
S. Dak.	7,651	7,779	7,127	7,539	7,779	20,184	22,892	2,064	2,638	2,943
Nebr.	12,780	13,442	11,949	12,422	13,014	37,337	42,031	2,292	2,922	3,171
Kans.	18,854	20,217	15,003	17,304	18,611	61,424	74,260	2,628	3,258	3,673
S.A.	166,359	181,557	135,012	156,406	171,140	551,936	650,333	2,531		
Del.	2,520	2,852	1,846	2,378	2,755	10,186	13,009	3,273	4,042	4,561
Md.	15,713	18,104	11,059	14,677	16,919	65,177	81,609	3,594	4,148	4,513
D.C.	3,711	3,947	3,326	3,491	3,716	17,803	21,288	3,920	4,797	5,394
Va.	25,120	27,898	19,055	22,844	25,494	77,431	95,477	2,328	3,082	3,422
W.Va.	16,420	16,720	14,145	14,414	14,911	50,208	52,037	2,425	3,058	3,112
N.C.	32,915	35,312	27,491	31,051	33,391	110,404	120,046	2,688	3,354	3,400
S.C.	18,400	19,182	16,753	17,999	18,665	51,804	57,637	1,891	2,815	3,005
Ga.	28,424	29,996	24,380	27,586	29,050	81,356	94,830	1,963	2,862	3,161
Fla.	23,136	27,546	16,957	21,966	26,239	87,567	114,310	2,958	3,785	4,130
E.S.C.	84,427	89,770	77,538	79,181	84,055	216,922	267,237	1,983		
Ky.	20,265	21,442	18,097	19,026	20,405	51,197	57,844	1,936	2,526	2,698
Tenn.	24,100	26,081	22,202	21,293	22,751	69,294	82,311	2,302	2,875	3,156
Ala.	23,676	25,448	21,612	22,795	24,485	65,884	66,161	2,111	2,783	3,386
Miss.	16,386	16,799	15,627	16,067	16,414	30,547	40,921	1,416	1,864	2,436
W.S.C.	110,929	121,509	94,796	106,811	116,932	389,726	453,587	2,853		
Ark.	13,809	14,144	12,845	13,251	13,561	31,566	33,640	1,801	2,286	2,378
La.	19,570	21,850	15,652	18,372	20,400	68,579	84,892	2,983	3,504	3,885
Okla.	10,136	10,843	15,981	18,340	19,283	62,603	73,480	2,736	3,271	3,703
Tex.	58,414	65,672	50,368	56,848	63,688	226,978	261,575	3,122	3,886	3,983
Mt.	46,761	53,465	36,937	44,191	50,246	176,388	216,760	3,003		
Mont.	5,858	6,559	4,584	5,601	6,247	20,680	23,939	2,962	3,530	3,633
Idaho	5,078	5,484	4,449	4,763	5,116	17,014	19,468	2,481	3,350	3,550
Wyo.	3,082	3,323	2,548	2,901	3,141	10,824	12,706	2,798	3,512	3,851
Colo.	11,534	12,964	9,233	10,951	12,268	41,978	52,006	2,821	3,640	4,012
N. Mex.	6,585	7,309	4,908	6,147	6,862	27,178	33,234	3,215	4,127	4,492
Ariz.	6,819	8,407	5,146	6,635	8,068	30,013	37,897	3,556	4,401	4,472
Utah	6,184	7,125	4,911	5,654	5,537	23,165	27,944	3,102	3,746	3,922
Nev.	1,621	2,114	1,158	1,539	2,007	6,137	9,506	3,209	3,786	4,496
Pac.	115,120	133,088	83,701	107,775	124,399	592,131	720,507			
Wash.	18,504	21,115	14,624	17,474	19,932	80,203	96,148	3,487	4,334	4,554
Oreg.	13,189	14,630	10,226	12,200	13,576	54,911	64,712	3,323	4,163	4,423
Calif.	78,474	91,754	55,109	73,385	85,668	435,469	534,528	4,268	11,787	5,243
Alaska ¹²	1,049	1,230	528	1,020	1,180	5,262	6,680	4,269	5,016	5,431
Hawaii	3,904	4,359	3,214	3,696	4,043	16,286	18,439	3,508	4,172	4,230
Am. Samoa	169	279	163	169	221	(1)	(1)	(1)	(1)	(1)
Canal Zone	405	372	309	377	351	1,622	1,967	3,519	4,005	5,288
Guam	388	416	269	362	383	1,311	1,521	(1)	3,379	3,657
P.R.	10,707	11,960	8,958	10,158	11,495	20,689	22,524	1,509	1,922	1,883
V.I.		(1)	204	148	(1)	190	(1)	600	(1)	2,940

¹ Comprises supervisors, principals, classroom teachers, and other nonsupervisory instructional staff.

² Includes librarians, guidance personnel, and psychological personnel.

³ Includes certified clerks. ⁴ Estimated. ⁵ Includes administrators.

⁶ Excludes vocational schools. ⁷ Includes 273 administrators, but excludes 22 kindergarten teachers.

⁸ Includes community colleges. ⁹ Includes teachers in junior colleges.

¹⁰ Includes salaries of instructional staff in community colleges, summer schools, and adult education.

¹¹ Represents weighted average of median salaries of total instructional staff in elementary and secondary schools.

¹² Excludes Federal schools for natives. ¹³ Not available.

N O. 154. PUBLIC SCHOOLS—EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1956
 [In thousands of dollars, except averages per pupil]

STATE OR OTHER AREA	Total	CURRENT EXPENDITURE FOR DAY SCHOOLS				Other current expenditures ³	Capital outlay	Interest			
		Total		Instruc-tion	Plant operation and maintenance						
		Amount	Per pupil ¹								
United States	10,998,691	8,290,016	294.13	5,529,168	1,077,202	1,683,645	100,875	42,391,488			
New England	556,787	454,872	801,641	64,847	88,382	3,661	93,155	5,100			
Maine	89,911	36,312	221.52	23,520	5,027	7,765	258	42,855			
New Hampshire	29,556	22,941	282.64	14,127	2,835	5,079	423	5,761			
Vermont	21,024	16,939	262.66	10,146	2,482	4,340	24	3,806			
Massachusetts	272,537	226,085	328.20	149,891	33,573	43,121	2,086	44,367			
Rhode Island	87,350	33,397	324.92	22,950	5,056	5,391	98	3,855			
Connecticut	155,406	119,198	340.87	81,507	15,904	21,786	772	32,511			
Middle Atlantic	2,239,472	1,729,259	1,105,222	218,496	405,742	23,117	434,441	52,656			
New York	1,256,339	899,063	425.61	590,031	102,944	206,988	21,839	207,293			
New Jersey	399,081	229,543	381.96	190,691	43,732	58,101	1,278	96,949			
Pennsylvania	584,055	636,753	323,45	324,300	71,800	140,663	-----	40,199			
East North Central	2,286,928	1,695,335	1,131,624	262,564	301,150	15,912	529,337	46,338			
Ohio	573,343	415,367	282.91	277,908	64,881	72,578	2,845	139,877			
Indiana	260,008	216,131	291.22	145,588	32,894	37,651	1,885	40,069			
Illinois	627,899	462,847	368.48	303,592	71,862	82,394	2,456	145,399			
Michigan	581,448	417,775	380.40	280,616	64,125	73,034	6,789	147,229			
Wisconsin	244,225	183,215	334.91	118,020	28,802	35,493	1,937	56,963			
West North Central	998,537	740,519	488,585	108,231	143,704	5,857	232,595	19,564			
Minnesota	255,676	177,806	324.57	113,956	27,003	36,847	3,087	71,409			
Iowa	184,992	147,257	299.05	92,671	21,527	33,059	753	36,393			
Missouri	222,219	166,509	263.94	110,154	23,936	32,368	-----	51,866			
North Dakota	41,687	33,684	280.80	22,830	4,990	5,866	-----	7,571			
South Dakota	44,392	37,001	309.49	24,812	5,337	6,882	-----	6,968			
Nebraska	86,589	65,888	277.51	46,243	9,699	9,946	877	18,279			
Kansas	157,982	112,374	294.68	77,919	15,689	18,766	1,160	40,109			
South Atlantic	1,299,368	982,615	665,025	106,103	181,487	7,996	286,457	22,289			
Delaware	29,604	20,960	365.35	14,012	2,825	4,124	23	8,294			
Maryland	186,622	130,109	297.09	90,024	15,577	24,507	1,508	49,738			
Dist. of Columbia	88,060	33,084	348.87	23,063	5,415	4,606	741	4,235			
Virginia	188,478	142,570	213.50	101,426	17,399	23,736	1,278	41,447			
West Virginia	96,059	81,982	197.18	53,824	10,702	17,456	692	12,403			
North Carolina	225,311	174,934	188.69	126,435	16,017	32,482	1,339	45,111			
South Carolina	141,732	90,601	188.09	60,735	9,075	20,790	954	47,428			
Georgia	166,676	144,945	194.03	103,059	12,996	28,890	820	19,391			
Florida	226,826	163,430	267,60	122,437	16,097	24,896	5,641	58,410			
East South Central	468,321	409,823	168.75	279,975	35,425	49,464	7,432	48,119			
Kentucky	96,995	90,087	168.26	59,794	9,895	20,398	1,033	4,754			
Tennessee	155,927	128,120	188.95	87,037	11,500	29,582	739	25,991			
Alabama	134,070	121,773	187.04	88,992	7,432	25,450	297	11,339			
Mississippi	81,329	69,843	157.47	44,212	6,598	19,084	6,363	6,085			
West South Central	960,223	728,534	486,744	73,952	187,837	16,930	188,045	26,714			
Arkansas	71,690	57,825	160,47	35,321	5,588	16,916	851	11,112			
Louisiana	191,806	149,885	281,68	90,481	12,649	46,804	1,277	35,155			
Oklahoma	150,036	112,998	249,35	77,713	14,078	21,208	200	34,505			
Texas	546,891	407,826	265,23	283,279	41,637	82,909	14,602	107,278			
Mountain	503,138	348,161	235,094	43,782	69,286	3,570	142,866	8,543			
Montana	51,722	40,483	348.56	25,896	5,897	8,689	111	10,408			
Idaho	42,964	32,220	246,89	20,953	4,124	7,142	-----	9,882			
Wyoming	35,114	21,922	344,77	13,945	2,780	5,198	75	12,616			
Colorado	126,061	84,041	305,58	56,526	10,971	16,565	1,705	37,395			
New Mexico	73,640	51,049	318,01	35,581	4,736	10,733	279	21,560			
Arizona	83,138	59,649	312,35	41,365	7,377	10,907	812	21,232			
Utah	68,861	43,598	240,50	30,231	5,609	7,759	539	23,046			
Nevada	21,038	15,179	348,31	10,597	2,288	2,293	49	5,327			
Pacific	1,685,925	1,200,900	805,504	163,798	231,597	16,400	436,473	32,154			
Washington	225,113	157,765	332,11	104,479	23,260	30,025	3,206	60,943			
Oregon	136,818	106,412	356,53	71,157	15,517	19,738	-----	27,593			
California	1,280,350	7,898,127	343,54	602,621	120,118	7,175,389	13,062	343,636			
Alaska	15,093	11,179	418,66	7,239	1,938	2,002	-----	8,673			
Hawaii	80,551	27,417	243,55	20,008	2,965	4,443	132	2,628			
Canal Zone	3,098	2,707	272,84	2,150	291	267	192	199			
Guam	3,600	2,143	204,16	1,902	159	82	88	1,369			
Puerto Rico	51,131	43,678	90,44	24,329	1,963	17,387	5,647	1,805			
Virgin Islands	1,038	1,018	187,11	632	37	348	63	19			

¹ Per pupil in average daily attendance based on expenditures allocable to pupil costs.

² Comprises administration, fixed charges, and other (health services, pupil transportation, etc.).

³ Comprises summer schools, adult education, community colleges (those operated by local school districts), and community services.

⁴ Total excludes \$211,000,000 expended by State and local schoolhousing authorities.

⁵ Community colleges included with elementary and secondary schools.

⁶ Includes agricultural high schools operated in conjunction with junior colleges.

⁷ \$87,472,000 for summer schools, adult education, and community colleges, not separately shown, included with elementary and secondary schools, but omitted in computing expenditure per pupil.

⁸ Excludes \$3,890,172 expended through Alaska Public Works Program.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-56*, Chapter 2, Statistics of State School Systems.

No. 155. SCHOOL AND COLLEGE ENROLLMENT AND EXPENDITURE: 1920 TO 1956

[Excludes Alaska and Hawaii]

ITEM	1920	1930	1940	1950	1954	1956
ENROLLMENT						
Total ¹	24,061,778	29,652,377	29,751,203	31,319,271	35,911,050	39,103,059
Kindergarten	510,949	786,463	660,909	1,175,312	1,809,445	1,838,202
Public ²	481,266	723,443	594,647	1,034,203	1,474,007	1,564,396
Nonpublic ²	29,683	54,456	57,341	3 133,000	3 317,000	3 263,000
Subcollegiate departments of institutions of higher education	(4)	(4)	(4)	(4)	4,869	5,409
Residential schools for exceptional children ⁶	(4)	75,164	5,777	84,459	9,300	(4)
Federal schools for Indians	(4)	3,400	3,144	3,650	3,869	4,939
Federal schools on Federal installations	(4)	(4)	(4)	(4)	400	998
Grades 1 to 8	20,452,773	22,953,377	20,466,112	21,031,929	24,477,920	26,493,882
Public ²	18,897,661	20,555,150	18,237,451	18,352,603	21,071,800	22,725,861
Nonpublic ²	1,455,878	2,255,430	2,095,938	2,574,777	3,274,840	3,623,360
Subcollegiate departments of institutions of higher education	(4)	(4)	59,547	35,682	47,532	547,532
Residential schools for exceptional children	(4)	724,153	55,954	84,894	56,000	61,700
Federal schools for Indians	99,234	18,644	17,222	19,973	19,948	20,683
Federal schools on Federal installations	(4)	(4)	(4)	(4)	7,800	14,791
Grades 9 to 12 and postgraduate	2,500,176	4,811,800	7,129,979	6,453,009	7,108,973	7,774,975
Public high schools ²	2,200,389	4,399,422	6,601,444	5,724,621	6,290,245	6,872,586
Nonpublic high schools ²	213,920	341,158	457,768	672,302	747,323	823,000
Subcollegiate departments of institutions of higher education	81,367	59,287	54,070	38,162	49,457	549,457
Residential schools for exceptional children	94,500	74,388	9,727	89,784	12,600	18,400
Federal schools for Indians	(4)	7,545	6,970	8,080	8,748	11,108
Federal schools on Federal installations	(4)	(4)	(4)	(4)	600	424
Higher education ¹	597,880	1,100,737	1,494,203	2,659,021	2,514,712	2,996,000
Publicly controlled	315,382	532,647	796,531	1,354,902	1,356,481	1,687,000
Privately controlled	282,498	568,090	697,672	1,304,119	1,158,231	1,309,000
EXPENDITURE (\$1,000)¹¹						
Elementary and secondary schools:						
Public ²	1,036,151	2,316,790	2,344,049	5,837,643	9,002,440	10,955,047
Nonpublic ²	(4)	233,277	227,000	782,967	1,354,079	1,626,848
Institutions of higher education:						
Public ¹²	115,597	288,900	13 332,592	13 1,174,125	13 1,616,463	13 1,986,408
Nonpublic ¹²	100,769	343,340	13 273,163	13 949,150	13 1,185,637	13 1,460,374

¹ Excludes schools of nursing not affiliated with institutions of higher education.² Excludes subcollegiate departments of institutions of higher education, residential schools for exceptional children, and Federal schools.³ U.S. Bureau of the Census, *Current Population Reports*, Series P-20.⁴ Not available.⁵ 1954 data.⁶ Schools for the blind, deaf, mentally deficient, epileptics, and delinquents.⁷ 1927 data.⁸ 1946 data.⁹ 1918 data.¹⁰ Includes kindergarten.¹¹ Includes capital outlay.¹² Expenditures for all departments, including preparatory.¹³ Excludes expenditures for auxiliary enterprises and activities, scholarships, fellowships, prizes and other noneducational current expenditures included in prior years, amounting to \$59,034,000 for public institutions and \$93,665,000 for private institutions for 1940; \$255,474,000 and \$283,743,000 for 1950; \$295,288,000 and \$316,281,000 for 1954; and \$361,075,000 and \$372,019,000 for 1956.Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

No. 156. NONPUBLIC ELEMENTARY AND SECONDARY SCHOOLS—INSTRUCTIONAL STAFF AND ENROLLMENT, BY STATES AND FOR PUERTO RICO: 1956

[Includes data for kindergartens. Excludes data for private residential schools for exceptional children and subcollegiate departments of institutions of higher education. Estimated on basis of earlier surveys. See also *Historical Statistics, Colonial Times to 1957*, series H 228, for total enrollment excluding Alaska and Hawaii]

STATE OR OTHER AREA	In- struc- tional staff	NUMBER OF PUPILS			STATE OR OTHER AREA	In- struc- tional staff	NUMBER OF PUPILS		
		Total	Elemen- tary ¹	Second- ary ²			Total	Elemen- tary ¹	Second- ary ²
U.S.	144,460	4,737,930	3,904,360	833,570	Mont.	510	16,000	12,910	3,000
Ala.	880	24,640	10,310	5,330	Nebr.	1,520	40,500	33,460	7,040
Alaska	110	1,830	1,610	220	Nev.	80	3,460	2,100	1,360
Ariz.	730	21,500	14,870	6,630	N.H.	1,240	30,730	22,870	7,860
Ark.	390	9,310	7,380	1,930	N.J.	6,920	250,670	213,930	36,740
Calif.	8,840	261,000	216,460	45,440	N.Mex.	580	23,040	20,130	2,910
Colo.	1,110	32,130	25,740	6,390	N.Y.	20,400	718,260	611,640	106,620
Conn.	3,080	74,240	62,280	12,010	N.C.	610	15,480	10,490	2,890
Del.	440	15,150	12,900	2,250	N.Dak.	590	15,730	12,700	3,030
D.C.	840	22,810	16,420	6,390	Ohio	8,640	298,090	247,030	51,060
Fla.	2,050	44,540	31,590	12,950	Oklahoma	550	15,950	12,840	3,110
Ga.	770	15,660	9,990	5,670	Oreg.	950	20,120	21,240	4,880
Hawaii		26,740	16,390	10,350	Pa.	13,900	480,430	400,980	88,450
Idaho	180	5,980	4,970	1,010	R.I.	1,580	44,580	37,850	6,680
Ill.	12,070	441,150	386,640	74,510	S.C.	370	8,170	6,260	1,910
Ind.	2,740	104,650	87,500	17,050	S.Dak.	530	18,330	11,260	2,070
Iowa	2,700	74,820	59,960	14,860	Tenn.	980	25,480	17,180	8,300
Kans.	1,370	39,960	33,520	6,440	Tex.	3,430	114,120	99,780	14,340
Ky.	2,320	68,220	51,540	16,680	Utah	160	4,180	3,360	820
La.	3,590	114,660	95,860	18,800	Vt.	630	15,860	10,760	5,100
Maine	1,230	32,810	22,010	10,800	Va.	1,690	39,550	30,050	9,500
Md.	2,160	101,800	86,580	15,220	Wash.	1,330	41,130	32,980	8,150
Mass.	7,870	220,080	179,600	41,080	W. Va.	530	13,500	9,600	3,900
Mich.	6,990	254,290	205,310	48,980	Wis.	5,420	104,210	168,320	25,890
Minn.	3,990	125,490	107,090	18,400	Wyo.	100	3,660	3,420	240
Miss.	730	17,760	13,340	4,420	P.R.	1,460	48,310	36,020	12,200
Mo.	8,970	126,130	102,410	23,720					

¹ Kindergarten through grade 8. ² Grades 9 through 12.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States, 1954-55*, Chapter 2, Statistics of State School Systems.

No. 157. JUNIOR COLLEGES—NUMBER AND ENROLLMENT: 1920 TO 1955

[Excludes Alaska and Hawaii]

YEAR	ALL SCHOOLS REPORTING		PUBLICLY CONTROLLED		PRIVATELY CONTROLLED	
	Number	Enrollment	Number	Enrollment	Number	Enrollment
1920	52	8,102	10	2,940	42	5,102
1930	277	55,616	129	36,501	148	19,115
1940	456	149,884	217	107,553	239	42,301
1942	461	141,272	231	100,783	230	40,489
1944	413	89,208	210	60,884	203	28,924
1946	464	156,456	242	109,640	222	46,816
1948	472	240,173	242	178,196	230	61,977
1950	483	242,740	256	187,695	227	55,045
1952 ¹	480	229,991	265	182,870	215	47,121
1954 ¹	495	324,696	270	270,928	225	53,768
1955, November ¹	481	336,676	268	280,671	213	55,005

¹ Excludes public junior colleges (designated as normal schools or teachers colleges) as follows: 1952, 26 colleges, enrollment 1,184; 1954, 23 colleges, enrollment 1,108; 1955, 22 colleges, enrollment 1,314.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

HIGHER EDUCATION

123

NO. 158. INSTITUTIONS OF HIGHER EDUCATION—FACULTY AND ENROLLMENT, BY SEX, AND INCOME AND EXPENDITURE: 1940 TO 1956

[All money figures in thousands of dollars.] Excludes Alaska and Hawaii. Data cover universities, colleges, professional schools, junior colleges, teachers' colleges, and normal schools, both publicly and privately controlled, regular session. See also *Historical Statistics, Colonial Times to 1957*, series H 310-321, H 339-362, and H 369]

ITEM	1940	1950 ¹	1952 ¹	1954 ¹	1956 ¹
Number of institutions reporting staff, enrollment, and degrees conferred	1,708	1,851	1,832	1,863	1,850
Faculty²	131,552	210,349	198,477	265,911	298,910
Male	94,536	157,691	150,041	204,871	230,342
Female	37,016	52,058	48,436	61,040	68,568
Resident college enrollment	1,494,203	2,659,021	2,301,884	2,514,712	3,2,637,245
Male	893,250	1,853,068	1,510,650	1,613,466	3,1,748,193
Female	600,953	805,953	791,234	901,246	3,889,047
Number of institutions reporting income and expenditures	1,609	1,851	1,832	1,863	1,850
Current income	715,211	2,374,645	2,562,451	2,945,550	3,603,370
Educational and general income	571,288	1,833,845	2,020,878	2,338,589	2,859,269
Student fees	200,897	394,610	446,501	551,424	722,215
Endowment earnings	71,304	96,341	112,859	127,475	145,000
Federal Government	38,860	524,319	451,011	417,097	488,801
State governments	151,222	491,636	611,302	740,042	878,349
Local governments	24,392	61,700	72,013	88,198	106,857
Private gifts and grants	40,453	118,627	149,826	190,899	245,085
Organized activities related to instructional departments	32,777	111,987	136,442	164,880	191,829
Miscellaneous	11,383	34,625	40,835	58,553	80,133
Auxiliary enterprises and activities	143,923	511,265	509,545	574,770	691,738
Other noneducational income	(4)	29,535	32,027	32,212	52,364
Receipts for plant expansion	66,200	528,747	355,614	468,667	821,133
Receipts for increase of endowment and other non-expendable funds	44,518	116,932	164,308	190,903	350,410
Current expenditure	674,689	2,245,661	2,471,008	2,882,864	3,499,463
Educational and general	521,990	1,706,444	1,921,209	2,271,296	2,766,367
Administration and general expense	62,827	213,070	233,844	288,147	355,207
Instruction and departmental research	280,248	780,994	823,117	960,555	1,140,655
Organized research	27,266	225,341	317,927	372,643	500,793
Libraries	19,487	56,147	60,612	72,944	85,563
Plant operation and maintenance	60,612	225,110	240,446	277,874	324,229
Organized activities related to instruction	27,225	119,108	147,854	186,905	222,007
Extension and public services	35,325	86,674	97,408	112,227	137,914
Auxiliary enterprises and activities	124,184	476,401	477,672	537,532	637,606
Scholarships, fellowships, and prizes	28,514	62,816	72,127	74,035	95,490
Expenditure for plant expansion	83,765	416,831	403,317	530,804	680,505

¹ Figures include estimates for institutions not reporting.

² Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff. Prior to 1954 represents "Staff reduced to full-time basis." For 1954 and 1956, total number of different persons (not reduced to full-time basis); data as of November 1953 and November 1955, respectively.

³ Data for November 1955. ⁴ Not reported separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistical Summary of Education.

NO. 159. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT, BY TYPE OF INSTITUTION AND BY SEX: 1958 AND 1959

[In thousands.] Opening (fall) enrollment of degree-credit students. Includes Alaska, Hawaii, Canal Zone, Guam, and Puerto Rico. Includes estimates

TYPE OF INSTITUTION	1958			1959				
	Total	Male	Female	First-time students enrolled	Total	Male	Female	First-time students enrolled
All institutions	3,259	2,110	1,148	781	3,402	2,174	1,228	827
Universities	1,436	1,017	419	256	1,465	1,024	441	271
Liberal arts colleges	909	508	401	226	966	537	429	243
Independent professional schools:								
Teachers colleges	323	161	162	86	352	172	180	89
Technological schools	97	92	6	19	104	98	6	22
Theological schools	37	29	7	5	42	33	9	6
Other	70	55	15	13	62	48	14	13
Junior colleges	387	249	138	175	411	261	151	183

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall*.

No. 160. RETENTION RATE PER 1,000 STUDENTS ATTENDING SCHOOL FROM FIFTH GRADE THROUGH FIRST YEAR OF COLLEGE: 1937-1945 TO 1949-1957
 [Excludes Alaska and Hawaii]

GRADE OR YEAR	STUDENT BODY OF—												
	1937 to 1945	1938 to 1946	1939 to 1947	1940 to 1948	1941 to 1949	1942 to 1950	1943 to 1951	1944 to 1952	1945 to 1953	1946 to 1954	1947 to 1955	1948 to 1956	1949 to 1957
Elementary: Fifth ¹	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Sixth.....	954	954	955	963	968	982	984	972	952	959	954	971	984
Seventh.....	895	901	908	916	910	905	909	914	929	944	945	948	956
Eighth.....	849	850	858	846	886	834	847	870	858	875	910	910	929
High school: I.....	839	811	796	781	781	789	807	827	848	872	872	858	863
II.....	704	679	655	673	697	698	713	745	748	766	775	748	795
III.....	554	519	532	552	566	581	604	630	650	662	641	670	706
IV.....	426	428	444	476	507	514	539	557	549	552	588	594	619
Graduates.....	393	398	419	450	481	488	505	524	522	524	553	550	581
Year of graduation.....	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956
College: I.....	121	(*)	(*)	(*)	(*)	(*)	205	218	234	266	283	286	301

¹ Fourth grade in 11-grade system; fifth grade in 12-grade system.

² Lack of detailed information regarding veteran students makes impossible the calculation of retention rates.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, Chapter 1, Statistical Summary of Education.

No. 161. NEGRO INSTITUTIONS OF HIGHER EDUCATION—FACULTY, STUDENTS, AND EARNED DEGREES CONFERRED: 1950, 1954, AND 1956
 [Excludes Alaska and Hawaii]

ITEM	1950	1954	Total	1956							
				Universities, col- leges, and pro- fessional schools		Teachers colleges ¹	Junior colleges ²				
				Publicly controlled	Privately controlled		Publicly controlled	Privately controlled	Publicly controlled	Privately controlled	
Number of institutions.....	105	106	98	21	53	12	4	8			
Faculty ³	6,933	7,302	7,724	3,380	3,379	744	81	100			
Male.....	4,151	4,495	4,726	2,050	2,152	406	34	84			
Female.....	2,782	2,807	2,998	1,310	1,227	338	47	76			
RESIDENT COLLEGE STUDENTS ⁴											
Regular session:											
Total.....	76,561	75,146	74,761	33,186	29,887	10,144	642	922			
Male.....	40,677	31,712	33,015	19,200	13,864	8,111	355	386			
Female.....	35,884	43,434	40,846	16,986	16,003	7,038	287	537			
Graduate.....	2,304	3,207	2,878	1,585	830	464					
Male.....	1,161	1,361	1,105	588	414	103					
Female.....	1,143	1,866	1,774	997	416	361					
First time in any college.....	21,368	22,563	21,970	10,066	8,092	2,917	344	551			
Male.....	10,613	10,060	10,344	5,192	3,742	987	172	251			
Female.....	10,755	12,503	11,626	4,874	4,350	1,930	172	300			
EARNED DEGREES CONFERRED											
Bachelor's and first pro- fessional.....	13,108	11,903	12,084	4,896	5,120	2,068					
Male.....	6,467	3,818	4,323	1,935	1,958	430					
Female.....	6,641	8,085	7,761	2,961	3,162	1,638					
Master's and second pro- fessional.....	768	1,206	1,378	950	337	91					
Male.....	335	540	537	355	151	31					
Female.....	433	766	841	595	186	60					
OTHER TYPES OF STUDENTS ⁴											
Extension courses.....		4,563	{ 4,566	2,780	1,399	448					19
Correspondence courses.....			183	183							
Adult education.....			329	278				51			
Terminal occupational education.....											
Short-course enrolments.....			844	656	51	129					8
			441	101	315						25

¹ All publicly controlled.

² Includes community colleges, technical institutes, normal schools, and other higher educational institutions restricted to less than 4 years of work on the undergraduate or terminal-occupational level.

³ Total number of different persons (not reduced to full-time basis). Includes administrative officers, extension service, correspondence courses, and organized research in addition to regular staff.

⁴ 1956 data as of November 1955.

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Higher Education.

No. 162. INSTITUTIONS OF HIGHER EDUCATION—ENROLLMENT OF TOTAL AND OF FIRST-TIME STUDENTS, BY SEX, BY STATES AND FOR OTHER AREAS: 1959

[Opening (fall) enrollment of degree-credit students. Includes estimates]

STATE OR OTHER AREA	TOTAL ENROLLMENT			FIRST-TIME STUDENTS		
	Total	Male	Female	Total	Male	Female
United States	3,377,273	2,160,886	1,216,387	821,520	487,890	333,630
New England	223,094	147,751	75,343	56,333	35,544	20,789
Maine	11,561	7,387	4,174	3,119	2,074	1,045
New Hampshire	11,556	7,841	3,715	3,226	2,021	1,205
Vermont	8,325	5,108	3,217	2,687	1,562	1,125
Massachusetts	127,779	84,998	42,781	33,278	21,052	12,226
Rhode Island	17,473	10,947	6,526	5,010	3,203	1,807
Connecticut	46,400	31,470	14,930	9,013	5,632	3,381
Middle Atlantic	599,839	387,765	212,074	118,618	72,091	46,527
New York	338,716	211,941	126,775	59,183	34,668	24,515
New Jersey	82,039	54,504	27,535	18,068	11,378	6,690
Pennsylvania	179,084	121,320	57,764	41,307	26,045	15,322
East North Central	659,190	415,949	243,241	155,555	91,387	64,178
Ohio	164,375	104,443	59,932	40,079	24,290	16,689
Indiana	88,322	59,082	30,240	23,283	14,574	8,709
Illinois	182,721	115,871	66,860	41,607	24,256	17,351
Michigan	152,294	94,440	57,854	32,848	19,019	13,829
Wisconsin	70,478	42,113	28,365	16,848	9,248	7,600
West North Central	313,831	198,008	115,823	80,645	46,530	34,115
Minnesota	71,777	44,698	27,079	16,894	9,555	7,339
Iowa	54,063	32,762	21,301	14,384	8,368	6,016
Missouri	79,360	51,649	27,711	19,909	11,192	8,717
North Dakota	13,242	8,792	4,450	3,995	2,423	1,572
South Dakota	13,989	9,024	4,965	4,114	2,418	1,696
Nebraska	31,298	19,084	12,214	7,331	4,433	3,398
Kansas	50,102	31,999	18,103	13,518	8,141	5,377
South Atlantic	392,656	245,281	147,375	97,637	54,999	42,638
Delaware	6,434	4,071	2,363	1,472	804	668
Maryland	50,365	34,233	16,132	11,214	6,786	4,428
District of Columbia	44,583	29,597	14,986	6,456	3,799	2,657
Virginia	53,206	30,560	22,646	12,882	6,087	6,795
West Virginia	28,255	17,264	10,991	7,904	4,761	3,143
North Carolina	66,410	41,218	25,192	18,844	10,597	8,247
South Carolina	31,232	18,472	12,760	8,349	4,750	3,599
Georgia	47,564	29,871	17,693	12,234	6,662	5,572
Florida	64,607	39,998	24,612	18,282	10,753	7,529
East South Central	182,778	111,261	71,517	50,333	28,598	21,735
Kentucky	43,652	25,415	18,287	11,031	6,107	4,924
Tennessee	59,886	37,140	22,746	17,091	9,887	7,204
Alabama	46,188	29,035	17,103	11,635	6,832	4,803
Mississippi	33,102	19,671	13,431	10,576	5,772	4,804
West South Central	312,610	205,349	107,261	80,704	48,265	32,439
Arkansas	23,529	14,493	9,036	6,704	4,040	2,664
Louisiana	53,996	33,576	20,420	14,688	8,327	6,361
Oklahoma	55,763	38,349	17,414	13,892	8,711	5,181
Texas	179,322	118,931	60,391	45,420	27,187	18,233
Mountain	157,299	103,144	54,155	40,597	24,457	16,140
Montana	11,923	8,022	3,901	3,734	2,370	1,364
Idaho	11,082	7,350	3,732	3,625	2,294	1,331
Wyoming	6,540	3,984	2,556	1,841	1,078	763
Colorado	44,308	27,931	16,377	10,349	5,699	4,654
New Mexico	16,575	11,851	4,724	3,767	2,571	1,196
Arizona	32,785	21,517	11,268	8,259	5,192	3,067
Utah	30,378	20,144	10,234	7,950	4,573	3,377
Nevada	3,708	2,345	1,363	1,072	684	388
Pacific	523,648	334,070	189,578	138,886	83,817	55,069
Washington	62,350	40,267	22,083	16,657	10,056	6,601
Oregon	40,421	25,166	15,255	10,325	5,946	4,370
California	408,465	261,316	147,149	108,664	65,982	42,682
Alaska	2,767	1,758	1,011	865	564	301
Hawaii	9,645	5,565	4,080	2,375	1,269	1,106
U.S. Service Academies	12,328	12,308	20	2,202	2,202	-----
Canal Zone	248	135	113	108	57	51
Guam	707	393	314	296	200	96
Puerto Rico	24,069	12,383	11,686	5,045	2,475	2,570

Source: Department of Health, Education, and Welfare, Office of Education; *Opening Enrollment in Higher Educational Institutions, Fall, 1959*.

No. 163. INSTITUTIONS OF HIGHER EDUCATION—NUMBER, FACULTY, AND ENROLLMENT, BY STATES AND FOR OTHER AREAS: 1956

[See headnote, table 158]

STATE OR OTHER AREA	Number of institu- tions	FACULTY ^{1,2}		RESIDENT ENROLLMENT (degree credit) ²				Vet- erans en- rolled in degree credit courses (³)	EARNED DEGREES CONFERRED		
		Total		First- time stu- dents		Bach- elor's and 1st profes- sional	2nd level (mas- ter's except 1st profes- sional)		Bach- elor's and 1st profes- sional	2nd level (mas- ter's except 1st profes- sional)	Doc- to- rates
		Male	Female	Male	Female						
United States	1,852	230,885	68,754	1,751,652	891,912	703,883	456,265	309,514	59,427	8,903	
New England											
Maine	152	19,420	5,311	121,275	56,118	47,978	26,956	25,611	5,161	911	
New Hampshire	8	785	276	5,494	2,698	2,637	1,199	1,568	148		
Vermont	8	884	248	6,329	2,684	2,620	1,094	1,594	85		
Massachusetts	14	843	333	4,319	2,953	2,337	663	1,264	172	3	
Rhode Island	74	11,509	2,826	71,266	33,232	27,493	16,504	15,021	3,548	642	
Connecticut	11	1,283	425	8,078	3,668	3,837	2,034	1,693	131	34	
Middle Atlantic	28	4,116	1,201	25,789	10,883	9,060	5,462	4,471	1,077	232	
New York	298	46,010	11,498	353,303	163,265	110,122	85,374	60,254	14,257	2,063	
New Jersey	14	27,464	7,067	207,248	108,553	60,132	48,238	34,170	9,763	1,362	
Pennsylvania	38	4,434	1,084	39,523	16,048	13,044	11,080	6,050	1,157	184	
East North Central	116	14,112	3,397	106,532	43,264	36,949	26,056	20,034	3,337	517	
Ohio	318	45,546	13,096	341,374	176,900	133,969	82,373	60,004	11,669	2,319	
Indiana	61	10,982	2,897	88,565	43,619	36,483	21,288	15,098	2,080	333	
Illinois	40	6,505	1,585	48,184	22,462	21,265	11,443	9,456	2,137	471	
Michigan	100	14,837	4,304	97,450	51,690	35,217	22,021	16,077	3,402	728	
Wisconsin	54	7,348	2,174	75,289	39,327	26,115	17,878	12,696	3,022	433	
West North Central	63	5,874	2,046	33,866	18,802	15,901	9,143	6,677	1,028	354	
Minnesota	42	3,920	1,826	31,604	18,699	14,293	9,086	6,708	907	230	
Iowa	50	4,148	1,451	27,671	15,879	13,352	6,958	5,368	913	284	
Missouri	51	5,854	1,858	43,271	21,363	18,897	12,134	7,413	953	166	
North Dakota	12	826	305	1,192	3,062	3,233	2,016	1,109	166		
South Dakota	15	852	324	6,779	3,557	3,678	2,135	1,286	188		
Nebraska	22	2,877	826	15,185	8,482	6,793	4,096	3,070	374	60	
Kansas	44	3,655	1,304	25,012	13,508	12,142	6,414	4,711	752	77	
South Atlantic	277	28,369	9,579	194,700	108,712	81,742	54,233	37,614	5,668	783	
Delaware	4	525	114	2,603	1,590	1,127	713	390	157	24	
Maryland	32	4,750	1,240	27,706	12,417	8,916	6,437	4,167	615	166	
District of Columbia	24	3,891	914	25,091	11,941	5,396	6,864	3,539	1,020	165	
Virginia	40	3,519	1,491	22,478	15,878	11,047	4,876	5,066	458	69	
West Virginia	20	1,295	562	13,081	8,439	7,004	4,499	2,769	457	9	
North Carolina	55	4,423	1,985	31,433	19,602	15,707	8,898	7,262	1,144	204	
South Carolina	30	1,898	817	15,224	8,780	7,143	3,829	4,077	322	13	
Georgia	47	4,172	1,326	27,031	15,062	11,420	8,087	5,186	648	24	
Florida	25	3,806	1,130	29,183	15,003	13,982	10,030	5,158	847	119	
East South Central	149	11,803	5,208	85,316	52,389	38,828	26,455	19,626	3,082	178	
Kentucky	40	2,128	1,156	20,808	13,286	9,014	5,631	4,880	596	52	
Tennessee	44	4,571	1,601	28,109	16,239	12,171	7,743	6,341	1,416	100	
Alabama	26	2,864	1,387	21,236	12,995	9,096	7,927	5,510	582	22	
Mississippi	39	2,240	1,064	15,163	9,869	8,547	5,154	3,395	485	4	
West South Central	166	18,201	6,804	174,377	85,376	72,681	50,372	30,768	6,727	465	
Arkansas	19	1,528	579	11,959	6,276	5,688	3,638	2,734	489	12	
Louisiana	20	3,787	1,353	27,222	16,004	11,672	6,512	5,867	642	96	
Oklahoma	31	3,084	1,043	32,830	13,617	14,183	10,890	5,650	1,418	79	
Texas	96	9,802	3,329	102,366	49,479	41,138	29,332	16,517	4,178	278	
Mountain	66	9,190	2,519	72,503	36,581	32,613	21,645	13,039	2,810	244	
Montana	11	800	295	6,013	3,108	2,779	1,973	1,031	148	2	
Idaho	7	709	227	5,704	2,719	3,138	1,676	1,065	133		
Wyoming	2	353	146	2,877	1,584	1,407	762	495	131	11	
Colorado	21	3,085	819	20,659	11,284	9,099	5,513	4,301	1,190	148	
New Mexico	9	1,000	259	7,847	2,925	2,762	2,470	1,180	381	11	
Arizona	7	959	273	11,114	5,599	4,893	3,351	1,949	483	11	
Utah	8	2,058	465	16,858	8,440	7,581	5,558	2,818	817	61	
Nevada	1	226	35	1,371	832	959	342	200	27		
Pacific	185	29,547	7,325	244,819	128,020	111,481	65,418	31,417	5,733	1,125	
Washington	26	3,411	1,263	28,198	14,285	12,745	7,436	5,671	640	154	
Oregon	26	2,656	820	19,152	10,322	9,069	4,879	3,581	655	107	
California	131	22,937	5,056	194,015	100,548	87,746	52,049	21,463	4,269	864	
Alaska	1	186	51	563	416	368	88	39	6		
Hawaii	1	357	135	2,891	2,449	1,503	966	663	168		
U.S. Service Academies	5	1,167	20	8,271	1	2,038	-----	1,516	67		
Canal Zone	1	15	11	100	94	124	16	-----	-----		
Guam	1	18	7	96	140	70	4	-----	-----		
Puerto Rico	4	1,189	703	9,671	7,808	5,374	3,881	1,784	13		

¹ See footnote 3, table 161. ² November 1955.

³ Resident and extension. Data are included, as appropriate, in columns giving data on resident enrollment.

Source: Department of Health, Education, and Welfare, Office of Education; Biennial Survey of Education in the United States, 1954-56, Chapter 4, Statistics of Higher Education.

No. 164. INSTITUTIONS OF HIGHER EDUCATION—VALUE OF PROPERTY, ENDOWMENTS, AND OTHER PERMANENT FUNDS, INCOME, AND EXPENDITURE, BY STATES AND FOR OTHER AREAS: 1956

[In thousands of dollars]

STATE OR OTHER AREA	Value of plant and plant funds ¹	NONEXPENDABLE FUNDS		INCOME FOR—			EXPENDITURE	
		Endow- ment and an- nuity ²	Student loan	Current oper- ations	Nonex- pend- able funds	Plant expansion ³	Current oper- ations	Plant expansion
United States	9,459,775	3,778,307	58,420	3,612,708	351,027	824,455	3,508,516	684,103
New England	811,099	826,707	10,678	327,927	77,159	63,414	317,553	38,623
Maine	38,649	24,513	206	13,637	1,940	2,750	13,375	1,797
New Hampshire	31,939	47,031	985	17,475	7,510	1,802	16,932	1,500
Vermont	30,039	17,011	477	13,301	572	3,784	12,688	2,361
Massachusetts	439,903	500,460	6,450	206,376	41,338	28,681	200,600	20,447
Rhode Island	52,037	32,071	159	19,352	5,309	2,652	19,191	1,767
Connecticut	218,532	205,621	2,401	57,786	20,490	23,745	54,767	10,661
Middle Atlantic	1,585,519	809,979	8,447	618,451	62,243	126,324	602,520	109,639
New York	795,076	460,026	4,403	359,061	39,335	64,481	350,622	52,235
New Jersey	228,661	111,725	1,315	64,924	4,118	18,223	62,355	19,104
Pennsylvania	562,382	229,228	2,729	194,466	18,790	43,020	189,543	38,300
East North Central	1,891,050	539,189	9,826	745,198	54,507	197,696	723,617	158,692
Ohio	408,641	149,271	3,338	152,915	21,387	41,924	146,264	35,448
Indiana	289,763	60,846	1,096	109,582	5,684	33,063	106,859	28,970
Illinois	510,738	252,836	2,556	232,728	23,052	40,558	225,728	27,299
Michigan	497,224	49,258	2,020	179,589	2,581	65,085	175,069	50,822
Wisconsin	184,684	26,978	816	70,386	1,803	17,066	69,697	16,153
West North Central	886,058	221,393	5,240	335,846	19,436	72,286	319,319	63,565
Minnesota	206,309	79,560	1,053	83,670	5,994	13,467	77,974	13,203
Iowa	152,945	32,698	759	74,604	3,443	14,219	71,640	13,777
Missouri	221,141	69,794	2,017	70,828	7,862	15,819	68,246	14,464
North Dakota	45,915	6,466	157	12,730	105	3,663	11,660	1,308
South Dakota	34,961	5,681	249	12,590	293	1,909	12,038	3,236
Nebraska	87,949	11,109	469	30,391	236	13,227	29,439	7,814
Kansas	136,838	16,085	536	50,983	1,503	9,982	48,322	9,583
South Atlantic	1,309,180	389,442	8,892	434,555	38,203	95,154	426,862	92,924
Delaware	21,844	14,277	32	6,479	1,848	2,110	6,314	1,683
Maryland	162,701	69,158	295	71,588	10,676	11,894	70,677	8,726
District of Columbia	122,468	22,049	370	45,039	3,238	12,289	43,980	10,807
Virginia	178,271	72,839	1,245	64,627	5,264	10,967	63,056	8,271
West Virginia	86,842	6,145	206	24,480	693	11,308	27,430	10,748
North Carolina	301,099	108,726	2,536	84,648	7,104	19,068	82,928	20,520
South Carolina	113,576	14,104	1,276	32,794	1,124	6,658	32,365	7,781
Georgia	153,888	70,849	2,011	48,240	7,056	9,182	46,119	8,863
Florida	168,491	11,295	921	56,660	1,202	11,678	53,993	15,525
East South Central	504,512	157,987	3,716	171,801	11,985	33,761	168,497	29,561
Kentucky	139,933	43,410	904	37,457	2,870	11,019	37,007	9,371
Tennessee	171,561	78,427	1,594	58,670	5,627	11,558	58,055	9,120
Alabama	112,083	28,983	1,129	46,112	2,898	7,529	44,635	7,114
Mississippi	80,935	7,167	89	29,562	590	3,655	28,900	3,956
West South Central	898,960	494,032	5,904	293,199	61,226	77,640	281,085	64,162
Arkansas	74,677	10,918	409	25,124	1,302	5,646	24,636	7,090
Louisiana	153,000	40,626	447	58,644	4,088	8,439	58,160	9,800
Oklahoma	168,831	20,470	2,465	50,761	2,245	20,110	48,506	8,264
Texas	502,362	422,018	2,583	158,670	53,591	43,445	149,633	38,909
Mountain	376,464	45,124	1,577	138,838	2,782	57,208	132,023	41,823
Montana	41,503	4,921	163	13,208	117	7,573	12,745	4,183
Idaho	37,456	10,165	79	10,770	670	2,811	10,218	1,532
Wyoming	21,600	7,410	184	7,974	681	2,160	6,793	1,132
Colorado	105,318	10,845	609	44,690	531	11,721	42,658	8,065
New Mexico	47,020	7,234	47	17,431	633	11,565	16,655	7,222
Arizona	48,932	1,614	77	16,369	47	8,644	15,631	7,050
Utah	66,777	1,929	163	25,207	30	11,757	24,489	11,473
Nevada	7,798	1,006	255	3,189	73	977	2,904	1,166
Pacific	1,072,542	294,455	4,140	498,455	23,486	99,346	488,662	83,507
Washington	166,619	56,885	395	60,014	2,799	13,528	57,252	10,401
Oregon	116,689	10,784	927	37,689	506	11,890	36,810	6,268
California	770,239	225,893	2,750	391,414	19,564	70,608	385,547	63,240
Alaska	5,579	623	33	3,094	600	828	2,928	1,117
Hawaii	13,416	270	35	6,244	17	2,494	6,125	2,481
U.S. Service Academies	124,389	-----	-----	48,439	-----	1,622	48,376	1,607
Canal Zone	317	-----	-----	125	-----	2	125	2
Guam	223	-----	61	100	-----	-----	100	-----
Puerto Rico	24,745	441	61	15,840	24	1,543	16,004	1,446

¹ Grounds, buildings, equipment, and unexpended plant funds.² Comprises all nonexpendable funds other than student loans.³ Includes loans and transfers from current funds.

No. 165. EARNED DEGREES CONFERRED, BY LEVEL OF DEGREE: 1940 TO 1958

[Beginning 1948, includes Alaska, Hawaii, and Puerto Rico. See also *Historical Statistics, Colonial Times to 1957*, series H 327-338, for figures excluding Alaska, Hawaii, and Puerto Rico]

YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate	YEAR	Total	Bachelor's and first professional degrees	Second-level degrees	Doctorate
1940	216,521	186,500	26,731	8,290	1952	403,194	331,924	63,587	7,683
1942	213,491	185,346	24,645	3,497	1953	374,189	304,857	61,023	8,309
1944	141,582	125,863	13,414	2,305	1954	358,699	292,880	56,823	8,996
1946	157,349	136,174	19,209	1,966	1955	354,445	287,401	58,204	8,840
1948	318,749	272,311	42,449	3,089	1956	379,495	311,298	59,294	8,903
1949	422,511	366,698	50,768	5,050	1957	411,058	340,347	61,955	8,758
1950	498,586	433,734	58,219	6,633	1958	440,304	365,748	65,614	8,942
1951	456,822	384,352	65,132	7,338					

Source: Department of Health, Education, and Welfare, Office of Education; circular No. 570, *Earned Degrees Conferred by Higher Educational Institutions, 1957-58*.

No. 166. LAND-GRANT INSTITUTIONS—FINANCES AND STUDENTS: 1958

[Income and expenditure figures for year ending June 30. Includes Alaska, Hawaii, and Puerto Rico. Land-grant colleges and universities are so called because public lands were granted to the States for their establishment or support. They all conform to certain broad policy stipulations of Federal law]

ITEM	52 institutions	16 institutions ¹	ITEM	Total	Male	Female
CURRENT INCOME (\$1,000)						
Total	1,395,918	32,570	STUDENTS			
Educational and general			52 institutions:			
Student tuition and fees	1,191,654	24,208	Resident and extension,			
Federal Government	119,277	3,098	total	620,176	448,576	171,600
From Veterans Adm.	339,837	592	Degree-credit	577,329	414,151	168,178
Regular appropriations	436	14	Resident	493,379	363,608	129,771
Grants or contractual amounts for research	83,441	496	Undergraduate	431,431	315,127	116,304
Other grants or payments	246,011	15	Graduate	61,948	48,481	13,487
State governments	9,948	68	Extension	83,950	50,643	33,407
Local governments	562,456	10,507	Nondegree-credit	42,847	34,425	8,422
Endowment earnings	6,499	143	Resident	4,990	3,442	1,548
Private gifts and grants	11,844	26	Adult education	2,356	1,455	901
Sales and services and organized activities	53,610	90	Terminal occupational	2,634	1,987	647
Miscellaneous	82,066	681	Extension	37,857	30,083	6,874
Auxiliary enterprises	16,065	70	Other enrollments, total	195,291	108,122	92,169
Scholarships, fellowships, and prizes	190,446	8,235	Mail courses	57,187	31,337	25,760
	18,817	127	TV or radio courses	2,075	1,722	363
CURRENT EXPENDITURE (\$1,000)						
Total	1,363,435	31,333	16 institutions:			
Educational and general			Resident and extension,			
Administration and general	1,166,000	23,268	total	29,162	13,731	15,431
Instruction and departmental research	91,573	3,601	Degree-credit	28,080	12,873	15,207
Organized research	358,852	12,649	Resident	25,671	12,435	13,236
Extension and public services	385,292	58	Undergraduate	23,733	11,756	11,977
Libraries	140,018	300	Graduate	1,938	679	1,259
Operation and maintenance of the physical plant	25,429	908	Extension	2,409	438	1,071
Organized activities related to educational departments	91,128	4,748	Nondegree-credit	1,082	858	224
Auxiliary enterprises	73,708	1,004	Resident	1,082	858	224
Scholarships, fellowships, and prizes	176,484	7,628	Adult education	238	137	101
	20,951	437	Terminal occupational	844	721	123
			Extension			
Other enrollments						
			Short courses	310	185	115
			Individual lessons only			

¹ Attended predominantly by Negro students.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Land-Grant Colleges and Universities*, circular No. 612.

EARNED DEGREES CONFERRED

129

No. 167. EARNED DEGREES CONFERRED, BY FIELD OF STUDY, LEVEL OF DEGREE, AND SEX: 1958

[Includes Alaska, Hawaii, and Puerto Rico]

MAJOR FIELD OF STUDY	BACHELOR'S AND FIRST PROFESSIONAL DEGREES ¹			SECOND-LEVEL DEGREES ²			DOCTORATE		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
All fields	365,748	242,948	122,800	65,614	44,252	21,362	8,942	7,978	964
Agriculture	5,525	5,434	91	949	937	12	309	303	6
Animal husbandry	1,306	1,273	33	207	205	2	64	64	
All other	4,219	4,161	58	742	732	10	245	239	6
Architecture (excluding architectural engineering)	1,612	1,536	76	281	216	15	5	5	
Biological sciences ³	14,408	11,226	3,182	1,852	1,448	404	1,125	987	138
Biological and premedical, general	3,962	3,728	234	25	18	7	2	2	
Biology, general	6,812	4,759	2,053	470	321	149	130	103	27
Zoology, general	1,980	1,521	459	310	241	69	160	137	23
All other	1,654	1,218	436	1,047	888	179	833	745	88
Business and commerce	51,254	47,286	8,968	4,041	3,896	145	109	104	5
Accounting	10,848	10,411	437	474	452	22	17	16	1
Other specific major fields	19,734	18,666	1,065	1,928	1,863	65	46	44	2
General, without major specialization	18,271	17,139	1,132	1,342	1,296	46	36	35	1
All other	2,401	1,067	1,334	297	285	12	10	9	1
Education	82,892	25,631	57,261	31,112	16,479	14,633	1,638	1,297	341
Specialized teaching fields	34,154	18,947	15,207	6,476	3,926	2,550	390	297	93
General teaching fields	47,605	6,320	41,285	9,164	8,106	6,058	177	118	59
Nonteaching fields	138	89	49	14,276	8,734	5,542	950	786	164
All other	995	275	720	1,196	713	483	121	96	25
Engineering	35,332	35,223	109	5,788	5,768	20	647	643	4
English and journalism	19,235	8,439	10,796	2,532	1,382	1,160	335	282	53
English and literature (including comparative literature)	16,669	6,755	9,914	2,310	1,207	1,112	333	280	53
Journalism	2,566	1,684	882	213	175	38	2	2	
Fine and applied arts	12,252	5,850	6,402	2,448	1,525	923	219	191	28
Music	2,872	1,280	1,592	1,010	689	341	74	68	6
Speech and dramatic arts	3,824	1,938	1,886	761	434	327	102	88	14
All other	5,556	2,632	2,924	677	422	265	43	35	8
Foreign languages and literature	4,503	1,814	2,689	1,044	501	453	224	159	65
Forestry	1,244	1,243	1	155	152	3	31	31	
Geography	849	730	119	184	156	28	56	47	9
Health professions	23,923	15,154	8,769	1,680	969	711	147	140	7
Dentistry, D.D.S. and D.M.D. only	3,065	3,031	34	-----	-----	-----	-----	-----	-----
Medicine, M.D. only	6,861	6,510	351	-----	-----	-----	-----	-----	-----
Nursing	6,052	49	6,003	479	5	474	-----	-----	-----
Pharmacy (excl. pharmacology)	3,782	3,301	391	122	109	13	59	59	
All other	4,163	2,173	1,990	1,079	855	224	88	81	7
Home economics	4,312	36	4,276	447	7	440	23	9	14
Law (LL.B., J.D., or higher degrees)	9,433	9,153	280	458	439	19	32	32	
Library science	1,690	403	1,287	157	31	126	19	13	6
Mathematical subjects	6,924	4,953	1,971	1,234	994	240	247	232	15
Military, naval, or air force science	1,952	1,948	4	6	6	-----	-----	-----	-----
Philosophy	2,981	2,637	344	312	278	34	102	97	5
Physical sciences ⁴	14,352	12,683	1,669	3,034	2,763	271	1,655	1,589	66
Chemistry (excl. biochemistry)	7,010	5,705	1,305	1,125	958	167	939	890	49
Physics	3,186	3,042	144	795	770	25	464	455	9
Geology	2,788	2,084	104	700	679	21	136	133	3
All other	1,368	1,252	116	414	356	58	116	111	5
Psychology	6,930	4,063	2,867	1,235	836	369	572	488	84
Religion	8,830	7,460	1,370	1,077	915	162	290	276	14
Religious education and Bible	3,180	2,141	1,039	361	256	105	38	33	5
Theology	4,705	4,732	63	597	566	31	170	165	5
All other	855	587	268	119	93	26	82	78	4
Social sciences ⁵	48,156	34,374	13,782	5,159	4,091	1,068	1,106	1,010	96
Social sciences, general	8,700	6,016	2,684	687	500	187	12	10	2
Economics (excl. agric. econ.)	7,514	6,900	605	669	599	70	239	234	5
History	12,838	9,031	3,852	1,397	1,037	360	297	265	32
Political science or government	6,167	5,031	1,136	665	685	80	170	164	6
Sociology	6,583	2,977	3,606	307	258	139	160	122	28
Social work, social administration	1,904	724	1,270	124	61	63	18	12	6
All other	4,315	3,686	629	1,220	1,051	169	220	203	17
Trade and industrial training	1,463	1,451	12	-----	-----	-----	-----	-----	-----
Miscellaneous	5,606	4,221	1,475	479	373	106	51	43	8

¹ Includes master's degrees when they constitute the first-professional degree in their respective fields.² Excludes such degrees as master of library science, master of social work, master of business administration, etc., when these constitute first-professional degrees.³ Excludes psychology, listed independently.⁴ Excludes geography, listed independently.⁵ Excludes geography, philosophy, and psychology, listed independently.

No. 168. SPECIAL SCHOOLS AND CLASSES FOR EXCEPTIONAL CHILDREN—ENROLLMENT, BY TYPE OF CHILD: 1948 AND 1953

[Excludes Alaska and Hawaii. Covers public elementary and secondary day schools. Excludes data for truant, delinquent, and maladjusted children; home- and hospital-bound children; and exceptional children enrolled in residential schools]

TYPE	1948				1953				
	States reporting	Places reporting	Enrollment		Teachers ¹	States reporting	Places reporting	Enrollment	
			Elementary schools	Secondary schools				Elementary schools	Secondary schools
Total.....	249	3,973	294,624	43,505	9,665	249	3,1785	389,158	108,058
Mentally retarded.....	46	714	74,512	12,518	4,961	48	1,244	84,878	28,687
Speech-defective.....	40	450	173,246	9,062	1,286	49	1,087	254,179	52,568
Crippled.....	36	289	13,288	1,222	1,018	45	596	15,924	1,889
Hard-of-hearing.....	34	256	8,580	1,865	421	46	407	9,680	2,252
Partially seeing.....	33	239	6,466	1,190	505	39	408	6,544	1,470
Special health problems ²	23	103	10,821	604	468	40	330	10,186	1,289
Deaf.....	29	162	8,217	297	269	34	185	3,446	489
Blind.....	18	31	414	116	55	19	67	658	151
Mentally gifted.....	9	14	4,080	16,632	622	15	27	3,683	19,233

¹ Comprises full-time and part-time teachers. A teacher serving more than one type of exceptional child is reported only with the type to which she devotes the major portion of her time.

² Includes District of Columbia.

³ Total number of different places reporting a program for one or more of the specified types of exceptional children; not the sum of the figures reported in the column.

⁴ Not reported in the 1947-48 survey. Figures for 1948 are the sum of those for "delicate" and "epileptic."

Source: Department of Health, Education, and Welfare, Office of Education; *Biennial Survey of Education in the United States*, chapter on Statistics of Special Education for Exceptional Children.

No. 169. PUBLIC LIBRARY SYSTEMS—SELECTED DATA: 1957 AND 1958

[For fiscal years. Excludes Alaska and Hawaii]

ITEM	IN CITIES OF 1,000,000 OR MORE		IN CITIES OF 100,000 TO 999,999		IN CITIES OF 50,000 TO 99,999		County and regional libraries serving 50,000 or more, 1958	
	1957	1958	1957	1958	1957	1958		
Population served ¹	1,000	17,404	17,405	29,726	29,814	9,521	9,485	
Number of volumes:								
Added during year.....	do	1,638	1,610	2,988	3,132	945	1,018	
By purchase.....	do	1,347	(2)	2,066	(2)	735	(2)	
By other means.....	do	163	(2)	185	(2)	51	(2)	
Undistributed.....	do	129	(2)	737	(2)	159	(2)	
Per capita.....		0.094	0.093	0.161	0.105	0.099	0.11	
At end of year.....	1,000	14,060	14,624	45,630	47,207	14,067	14,429	
Per capita.....		0.81	0.84	1.53	1.59	1.48	1.52	
Circulation.....	1,000	54,926	59,071	131,469	141,817	47,327	50,648	
Adult.....	do	29,583	31,717	52,088	56,775	20,293	22,408	
Juvenile.....	do	20,560	21,974	56,872	62,292	24,179	25,842	
Undistributed.....	do	4,782	5,379	22,509	22,750	2,855	2,309	
Per capita.....		3.16	3.39	4.42	4.76	4.97	5.34	
Operating expenditures ²	\$1,000	30,500	32,006	64,239	69,079	15,836	17,045	
Per capita.....		\$1.76	\$1.84	\$2.16	\$2.32	\$1.67	\$1.86	
Salaries (incl. building staff).....	\$1,000	22,051	22,871	47,107	50,328	10,839	11,531	
Percent of total operating expenditures.....		72.1	71.5	73.3	72.9	68.4	67.6	
Books and periodicals.....	\$1,000	8,918	8,708	7,693	8,342	2,373	2,623	
Percent of total operating expenditures.....		12.8	11.6	12.0	12.1	15.0	14.9	

¹ Based on 1950 Census. Area served may include city and adjacent territory.

² Not available.

³ Includes expenditures not shown separately.

Source: Department of Health, Education, and Welfare, Office of Education; *Statistics of Public Libraries in Cities with Populations of 100,000 or More*, *Statistics of Public Library Systems in Cities with Population of 50,000 to 99,999*, and *Statistics of County and Regional Libraries Serving Populations of 50,000 or More*.

VOCATIONAL PROGRAMS

131

No. 170. VOCATIONAL PROGRAMS, FEDERALLY AIDED—NUMBER OF TEACHERS AND STUDENTS, BY TYPE OF PROGRAM AND BY SEX: 1940 TO 1958.

[For years ending June 30. Includes Hawaii and Puerto Rico, and beginning 1955, Alaska and Virgin Islands. Institutions Federally aided are reimbursed from Federal funds provided under act known as "The Smith-Hughes Act," or the "National Vocational Education Act of 1917," and subsequent acts extending benefits of vocational education to Alaska, Hawaii, Puerto Rico, and Virgin Islands, and providing for further development of vocational education of less-than-college grade. These acts, administered by Office of Education, provide appropriations for reimbursement in part from Federal funds for expenditures by States and local communities for vocational education]

PROGRAM AND SEX	TEACHERS				STUDENTS			
	1940	1950	1955	1958 ¹	1940	1950	1955	1958 ¹
Total, all programs ²					2,290,741	3,364,613	3,314,255	3,629,339
Male					1,279,109	1,715,699	1,700,552	1,845,776
Female					1,011,632	1,648,914	1,613,703	1,783,563
Evening	17,744	20,902	30,722	37,647	728,937	1,520,971	1,389,000	1,577,178
Part-time	14,600	12,324	11,583	13,342	525,358	596,295	396,184	387,752
All-day ³	25,575	29,733	34,757	36,832	1,036,446	1,247,347	1,529,071	1,664,409
Agriculture		13,852	20,277	20,558	584,133	764,975	776,138	775,892
Male					583,034	764,975	776,138	775,892
Female					1,099			
Evening	4,976	3,149	6,481	6,693	192,246	345,007	272,363	265,437
Part-time	3,727	1,240	2,807	2,861	62,489	43,071	46,811	48,677
All-day ³	9,018	9,463	10,989	11,004	329,398	376,897	456,964	461,778
Trades and industry		25,511	29,895	34,659	758,409	804,602	870,954	983,644
Male					602,182	687,847	762,643	881,942
Female					156,227	116,755	108,311	101,702
Evening	5,769	8,312	12,678	15,046	167,908	269,734	421,321	520,182
Part-time	9,449	8,671	6,448	7,810	383,579	312,129	195,702	191,453
All-day	6,940	8,528	10,769	11,803	206,922	222,739	253,931	272,009
Home economics		19,657	23,752	26,855	818,766	1,430,366	1,431,808	1,559,822
Male					24,746	70,336	50,918	46,054
Female					794,020	1,360,030	1,380,890	1,513,768
Evening	4,857	6,978	9,811	11,884	245,850	666,676	530,725	577,451
Part-time	1,192	937	942	946	72,790	115,979	82,907	67,472
All-day ³	9,617	11,742	12,999	14,025	500,126	647,711	818,176	914,809
Distributive occupations ⁴		3,939	3,138	5,749	129,433	364,670	235,355	282,558
Male					60,147	192,541	110,853	141,469
Female					60,286	172,129	124,502	141,089
Evening	2,142	2,463	1,752	4,024	122,983	239,554	164,591	202,408
Part-time	232	1,476	1,386	1,725	6,500	125,116	70,764	80,150
Practical nursing				1,083				27,423
Male								419
Female								27,004
Evening (extension)								11,700
All-day (preparatory)								15,723

¹ Provisional.

² Totals for teachers omitted because of duplications in State reports by types of schools.

³ Includes day unit classes.

⁴ Training in which workers engage in merchandising activities, are in contact with buyers and sellers in distributing goods or services, or are responsible for the management of such businesses.

Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 171. VOCATIONAL PROGRAMS, FEDERALLY AIDED—TOTAL AND FEDERAL EXPENDITURES, 1930 TO 1958, AND BY STATES AND FOR OTHER AREAS, 1958

In thousands of dollars. For years ending June 30. Includes Hawaii for all years, and Puerto Rico, Virgin Islands, and Alaska beginning 1940, 1954, and 1955, respectively. For 1930, total includes expenditures for teacher-training not shown separately; thereafter, included in respective programs. See headnote, table 170.

YEAR AND STATE OR OTHER AREA	ALL VOCATIONAL EDUCATION ¹		AGRICULTURAL EDUCATION		TRADE AND INDUSTRIAL EDUCATION		HOME ECONOMICS EDUCATION		DISTRIBUTIVE OCCUPATIONS	
	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral	Total funds	Fed- eral
1930	29,909	7,404	8,743	3,174	8,815	1,710	4,882	678	-----	-----
1940	55,081	20,004	18,373	7,346	22,561	7,105	13,072	4,916	1,074	637
1950	128,717	26,623	38,523	10,087	47,869	8,612	36,916	6,241	5,408	1,683
1954	151,289	25,419	49,976	10,117	50,916	8,627	45,291	6,257	5,105	417
1955	164,761	30,351	52,707	11,828	55,560	9,099	49,461	7,701	6,033	825
1956	175,886	33,180	56,658	12,668	59,522	10,694	53,282	8,389	6,424	1,430
1957	190,726	37,063	59,915	13,582	64,075	11,340	57,178	8,907	8,173	2,439
1958 ²	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Total	209,748	38,733	64,542	13,644	69,423	11,394	62,910	8,902	9,303	2,509
Alabama	4,852	1,038	1,941	513	1,130	177	1,581	251	138	52
Alaska	92	46	7	4	15	8	59	30	9	5
Arizona	1,208	215	314	63	381	56	535	54	30	15
Arkansas	3,647	795	1,644	415	332	88	1,450	191	112	31
California	13,189	2,042	2,362	394	6,218	866	3,521	369	601	181
Colorado	1,767	338	376	115	590	94	645	80	110	23
Connecticut	2,836	348	188	69	2,267	172	318	72	52	26
Delaware	762	174	164	52	334	55	182	43	71	15
District of Columbia	507	125	-----	-----	302	50	119	40	39	16
Florida	6,920	630	1,485	159	2,627	209	2,278	155	366	47
Georgia	7,008	1,135	3,004	521	900	201	2,772	286	236	63
Hawaii	869	181	209	59	426	51	174	45	48	16
Idaho	1,143	232	449	92	290	54	343	51	34	15
Illinois	8,781	1,663	2,936	460	2,258	680	3,212	398	306	142
Indiana	5,096	966	1,558	373	1,577	276	1,821	245	140	67
Iowa	3,507	849	1,702	414	535	150	1,130	211	102	45
Kansas	2,464	587	1,115	242	452	126	728	135	99	33
Kentucky	3,849	1,057	1,471	509	798	160	1,383	276	112	48
Louisiana	5,975	738	2,133	312	1,621	200	2,037	180	184	46
Maine	681	229	192	84	170	64	280	67	8	4
Maryland	1,835	441	358	126	1,120	163	273	109	76	38
Massachusetts	7,156	722	681	89	5,169	397	1,116	144	136	60
Michigan	7,344	1,359	1,657	413	2,869	482	2,281	309	527	109
Minnesota	5,562	883	2,042	395	1,516	186	1,515	211	437	51
Mississippi	3,748	970	1,795	556	449	91	1,338	231	93	37
Missouri	4,323	1,103	1,556	459	1,028	262	1,379	242	266	68
Montana	845	206	355	80	155	51	276	53	51	16
Nebraska	1,670	436	750	208	264	76	565	109	64	23
Nevada	558	186	136	54	127	60	205	46	61	15
New Hampshire	466	160	129	57	136	50	184	44	13	6
New Jersey	5,054	768	659	95	3,256	442	697	100	241	71
New Mexico	1,006	243	414	78	164	52	312	54	60	16
New York	11,927	2,536	1,556	398	8,319	1,329	940	339	822	251
North Carolina	7,494	1,449	3,727	724	900	215	2,559	306	244	66
North Dakota	971	278	349	134	227	52	358	71	29	15
Ohio	7,052	1,683	2,261	503	2,589	685	1,785	356	325	129
Oklahoma	5,162	701	2,459	299	879	145	1,568	162	180	38
Oregon	1,676	403	590	140	405	110	549	108	100	26
Pennsylvania	9,023	2,062	2,026	493	4,830	862	1,616	472	359	91
Rhode Island	481	175	57	29	271	74	112	42	4	2
South Carolina	3,990	734	1,732	366	645	116	1,476	197	113	37
South Dakota	943	281	390	134	134	53	370	66	33	16
Tennessee	4,889	1,124	1,740	525	1,056	192	1,860	273	120	49
Texas	17,972	1,879	7,127	708	2,208	538	7,568	459	998	126
Utah	1,238	153	323	57	583	55	274	46	41	16
Vermont	657	184	170	57	226	52	204	44	36	15
Virginia	5,728	1,002	1,679	414	1,431	217	2,104	260	442	57
Washington	4,671	614	1,011	172	1,847	181	1,494	132	202	41
West Virginia	2,132	625	600	244	774	126	656	194	56	28
Wisconsin	5,504	1,878	395	1,731	225	1,486	249	177	177	56
Wyoming	893	169	381	54	135	51	340	46	34	15
Puerto Rico	2,455	751	700	331	713	105	894	223	73	36
Virgin Islands	79	40	5	2	42	21	28	14	5	2

¹ Beginning 1957, includes practical nursing, not shown separately.

² Provisional.

VOCATIONAL PROGRAMS

133

No. 172. VOCATIONAL PROGRAMS, FEDERALLY AIDED—STUDENTS ENROLLED, BY TYPE OF PROGRAM, BY STATES AND OTHER AREAS: 1957 AND 1958

[For years ending June 30. Excludes vocational teacher-training courses. See also headnote, table 170.]

STATE OR OTHER AREA	1957					1958 ²				
	Total ¹	Agri-culture	Trades and in-dustry	Home eco-nomics	Distributive	Total ¹	Agri-culture	Trades and in-dustry	Home eco-nomics	Distributive
Total.....	3,521,555	774,850	951,761	1,507,940	279,903	3,629,339	775,892	983,644	1,559,822	282,558
Alabama.....	75,292	24,205	21,229	27,126	2,630	92,442	30,235	27,419	31,274	2,103
Alaska.....	654	—	104	550	—	761	109	224	415	13
Arizona.....	25,413	2,042	8,966	14,136	200	27,193	1,994	7,847	17,091	95
Arkansas.....	86,235	30,675	7,096	45,776	2,532	84,611	26,872	7,328	47,300	2,621
California.....	331,678	19,428	119,853	131,062	61,053	338,570	16,875	121,100	134,169	64,461
Colorado.....	51,225	2,654	23,155	18,511	6,549	55,324	2,498	24,232	20,114	7,486
Connecticut.....	26,511	753	16,334	7,322	2,091	24,935	742	15,240	7,007	1,717
Delaware.....	8,673	881	4,079	2,944	701	9,375	872	4,352	3,456	622
Dist. of Col.....	8,942	—	3,406	3,887	1,849	8,388	—	3,146	3,221	1,513
Florida.....	127,100	12,461	33,706	62,610	17,769	125,963	13,012	33,590	56,875	21,435
Georgia.....	183,688	76,255	26,592	73,815	6,890	181,856	76,039	23,715	74,017	7,493
Hawaii.....	12,406	2,034	5,194	3,704	1,338	11,298	1,674	4,885	3,256	1,334
Idaho.....	13,361	3,903	2,851	5,894	504	14,044	4,030	2,324	6,447	855
Illinois.....	115,234	28,248	30,171	52,142	4,374	115,090	26,970	31,142	52,624	3,975
Indiana.....	72,577	17,987	17,016	34,312	3,262	77,253	17,606	18,336	37,055	4,256
Iowa.....	65,183	28,300	11,464	23,693	1,691	65,235	27,920	11,575	23,915	1,686
Kansas.....	39,378	7,249	10,698	18,371	2,839	35,806	7,792	8,950	15,921	2,920
Kentucky.....	64,458	17,266	10,177	32,692	4,104	63,359	17,960	10,254	31,659	2,701
Louisiana.....	85,265	23,635	19,124	37,842	4,664	89,183	24,903	20,923	39,257	4,100
Maine.....	7,804	1,472	1,522	4,753	24	8,735	1,336	3,000	4,207	73
Maryland.....	25,006	3,581	12,679	7,906	840	22,220	3,304	11,139	6,452	1,223
Massachusetts.....	69,377	1,724	27,189	38,517	1,795	67,040	1,561	25,890	36,438	1,596
Michigan.....	137,522	18,688	41,536	58,307	18,899	137,657	17,417	42,622	57,616	19,356
Minnesota.....	81,839	26,583	17,043	34,780	3,426	89,523	27,664	20,381	37,160	3,897
Mississippi.....	94,530	45,310	8,005	37,749	3,295	97,250	43,862	9,811	37,844	4,989
Missouri.....	67,066	19,805	14,048	29,198	3,652	67,763	18,709	11,404	33,173	3,729
Montana.....	10,201	3,131	2,281	2,289	500	10,424	3,648	2,260	4,059	411
Nebraska.....	31,551	8,902	5,681	14,083	2,285	31,013	8,199	6,432	14,312	1,906
Nevada.....	6,156	673	1,820	3,037	560	6,834	583	2,338	3,552	252
New Hampshire.....	6,211	723	1,940	3,294	254	5,818	489	1,709	3,305	238
New Jersey.....	27,707	2,626	18,868	5,591	549	26,820	2,431	18,851	4,433	494
New Mexico.....	9,887	2,034	2,160	5,066	596	10,590	2,135	2,124	5,417	730
New York.....	174,282	9,232	95,752	62,603	6,219	216,608	9,394	103,726	96,408	5,881
North Carolina.....	117,904	48,861	11,346	51,833	5,478	121,552	49,056	12,925	52,442	5,386
North Dakota.....	12,611	3,468	2,641	6,199	303	14,060	3,559	2,743	7,525	233
Ohio.....	100,047	19,362	40,459	30,105	9,938	102,506	20,627	37,704	33,017	10,066
Oklahoma.....	68,079	28,303	10,142	26,754	2,538	71,370	28,301	12,385	28,171	1,902
Oregon.....	32,359	4,916	6,433	19,536	1,317	32,848	5,278	6,367	19,175	1,764
Pennsylvania.....	101,833	14,400	49,884	31,752	5,797	108,421	16,462	52,674	32,500	5,575
Rhode Island.....	6,455	435	2,527	3,369	88	6,105	438	2,376	3,326	—
South Carolina.....	105,105	41,997	10,729	48,671	3,604	108,567	42,427	11,187	52,345	2,366
South Dakota.....	11,358	3,522	2,405	4,705	726	11,887	3,744	2,325	5,169	624
Tennessee.....	97,153	28,755	15,540	50,040	2,607	93,047	26,827	16,432	44,972	3,874
Texas.....	306,116	63,324	47,636	147,110	47,693	297,327	61,096	49,463	141,921	42,666
Utah.....	28,900	4,384	7,537	11,862	5,117	31,136	4,193	6,831	14,818	5,268
Vermont.....	5,361	901	2,218	2,123	119	5,228	956	1,540	2,382	236
Virginia.....	88,645	22,399	17,242	41,285	7,607	93,150	23,321	18,690	42,399	8,578
Washington.....	103,645	8,798	45,961	38,521	10,187	112,272	8,767	52,007	41,851	9,326
West Virginia.....	31,880	5,902	11,039	13,509	933	31,525	5,548	11,245	13,159	683
Wisconsin.....	101,668	22,993	28,825	45,195	4,457	104,473	23,253	32,061	44,473	3,961
Wyoming.....	5,589	1,415	1,380	2,480	274	6,216	1,560	1,466	3,052	188
Puerto Rico.....	58,553	8,108	15,826	26,386	3,147	57,527	10,296	14,628	27,041	3,729
Virgin Islands.....	882	48	252	543	39	901	58	236	645	22

¹ Includes practical nursing, not shown separately.² Provisional.Source: Department of Health, Education, and Welfare, Office of Education; *Digest of Annual Reports of State Boards for Vocational Education*.

No. 173. FEDERAL EXPENDITURES FOR EDUCATION, BY TYPE OF PROGRAM:
1949 TO 1957

[In thousands of dollars. Includes Alaska, Hawaii, Canal Zone, Puerto Rico, and Virgin Islands for all years, and Guam for 1957]

PROGRAM	1949	1951	1953	1955	1957
Total expenditures.....	3,501,406	2,531,337	1,436,231	1,597,248	1,997,825
Elementary and secondary education.....	181,403	223,609	454,410	540,006	656,032
School support in federally affected areas.....		16,728	200,084	214,508	172,835
Public school construction.....		2,956	117,804	120,768	66,882
Public school maintenance and operation.....		13,772	65,995	85,251	97,781
School construction on Federal bases.....			16,285	8,489	8,172
School lunch program.....	94,777	118,082	133,540	169,414	201,579
Vocational education.....	26,013	26,013	24,657	20,237	36,884
Indians in the U.S.....	18,195	24,690	27,277	34,600	45,731
Armed Forces-dependent children overseas.....			802	8,911	16,421
Operation of public schools.....	3,219	8,647	11,924	12,485	12,022
District of Columbia.....	3,219	2,678	2,522	5,186	4,310
Atomic Energy Commission sites.....		2,682	6,780	4,410	4,097
Canal Zone.....		2,287	2,622	2,889	3,615
Revenue distributed from use and sale of public lands.....	11,535	17,505	24,130	38,310	38,618
Revenue distributed from national forests and sub-marginal lands ¹	6,040	8,435	17,491	16,872	20,079
All other.....	1,624	2,707	6,396	8,153	5,499
Higher education.....	3,251,788	2,194,528	809,583	854,152	1,092,524
Veterans education and training.....	2,703,862	1,943,341	667,803	669,314	781,006
Veterans vocational rehabilitation.....	335,200	176,875	57,769	40,770	30,598
Education of off-duty military personnel.....			5,127	8,663	9,363
Navy regular ROTC program.....	2,043	3,776	3,924	3,151	3,947
National Science Foundation grants.....			1,795	3,078	6,905
Land-grant colleges.....	5,030	5,030	5,030	5,052	5,052
Howard University.....	3,302	4,262	4,047	7,654	3,086
Gallaudet College.....	321	368	503	674	3,162
Surplus property allocated ²	200,015	54,626	58,840	113,260	189,675
All other.....	1,115	1,123	1,209	1,236	3,880
Adult education.....	20,815	25,365	35,023	40,664	87,220
Vocational rehabilitation.....	18,216	21,001	22,948	24,790	37,786
Public Health Service traineeships and training grants.....			7,438	11,051	30,836
National Science Foundation education in the sciences.....			41	316	10,948
Department of Labor apprenticeship and training.....	2,599	3,183	3,324	3,160	3,399
Public library services.....			1,181	1,272	1,347
All other.....					2,361
In-service training of civilian personnel.....		1	359	1,549	3,486
Education of military and merchant marine personnel.....	22,525	23,689	25,710	23,985	34,497
Service academies.....	10,434	13,647	15,956	16,351	23,480
West Point.....	4,875	7,223	8,474	8,717	9,804
Annapolis.....	5,550	6,424	7,482	7,634	8,071
Air Force Academy.....					5,006
Coast Guard Academy.....	1,952	1,768	2,513	2,435	3,265
Federal Merchant Marine School.....	3,518	2,746	2,129	11,997	2,197
Training of military personnel at civilian institutions.....	2,453	2,949	3,165	2,547	4,853
All other.....	4,163	2,579	1,947	655	702
Research in educational institutions.....	44,543	64,045	73,385	94,284	133,328
Agricultural extension service.....	30,438	32,141	32,117	39,675	49,866
Agricultural experiment stations.....	10,557	12,496	12,546	19,109	28,888
Atomic Energy Commission contract research, fellowships, and other training.....		15,226	18,441	20,069	26,620
National Science Foundation obligations for basic research.....			1,813	8,009	15,268
Office of Education Administration.....	2,397	2,879	5,149	3,551	4,802
Public Health Service research fellowships.....			2,017	2,562	5,387
All other.....	1,151	1,303	1,302	1,309	2,518
International education.....	332	100	37,761	42,608	50,130
International Cooperation Administration programs.....			14,042	22,518	28,510
Educational exchange programs.....			23,360	19,768	18,606
Foreign visitor program.....					2,500
Aviation training of foreign nationals.....	332	100	345	244	432
All other.....			14	78	92

¹ Distributed for roads and schools. ² To health and educational institutions.

FEDERAL FUNDS

135

No. 174. FEDERAL FUNDS ALLOTTED FOR EDUCATION, BY STATES AND OTHER AREAS: 1957

[In thousands of dollars]

STATE OR OTHER AREA	Total	FUNDS ADMINISTERED BY—				FUNDS FOR THE EDUCATION OF VETERANS	Other		
		Dept. of Health, Education, and Welfare		Dept. of Agriculture					
		Total ¹	Aid to Federally affected areas ²	Total ³	School lunch program				
Total	1,997,824	490,737	160,077	399,381	230,547	813,956	766,998		
Alabama	48,232	13,037	3,277	10,824	7,441	24,238	23,232		
Alaska	9,727	4,143	3,389	373	96		132		
Arizona	12,356	4,447	1,997	2,462	1,644	5,251	4,843		
Arkansas	22,590	6,434	1,449	6,082	4,363	9,097	8,388		
California	152,014	56,658	31,669	20,170	12,873	72,210	69,570		
Colorado	21,690	8,215	3,981	3,237	1,932	10,069	9,306		
Connecticut	17,608	5,711	1,698	3,204	2,121	7,918	7,605		
Delaware	3,659	1,785	164	975	451	869	833		
District of Columbia	18,698	1,278		772	424	12,291	11,710		
Florida	41,959	12,381	4,730	7,575	5,716	21,668	20,220		
Georgia	50,374	16,048	4,851	11,250	7,851	22,880	22,273		
Hawaii	6,355	4,478	2,592	1,813	1,190		65		
Idaho	6,174	1,180	581	1,886	1,072	3,110	2,935		
Illinois	71,417	16,684	2,634	15,644	8,884	37,406	35,813		
Indiana	33,966	7,500	887	8,399	5,199	17,283	16,340		
Iowa	28,439	5,285	335	7,184	3,818	15,765	14,971		
Kansas	21,104	7,542	3,555	4,973	2,900	8,342	8,028		
Kentucky	28,677	7,549	1,099	9,299	5,764	11,679	11,053		
Louisiana	37,383	7,314	966	11,206	9,053	18,678	18,650		
Maine	8,262	3,339	826	2,031	1,100	2,860	2,719		
Maryland	27,148	16,566	9,096	4,480	2,538	5,594	5,329		
Massachusetts	45,105	10,772	2,172	9,163	6,060	23,535	21,437		
Michigan	54,553	14,573	5,522	13,063	7,255	25,941	24,869		
Minnesota	32,819	6,199	536	9,005	5,357	17,126	16,211		
Mississippi	25,837	6,141	681	8,186	4,842	11,451	10,902		
Missouri	42,798	9,615	2,434	9,688	5,745	23,019	21,929		
Montana	7,749	3,124	985	1,609	804	2,965	2,783		
Nebraska	17,822	4,218	1,420	3,168	1,638	10,366	9,811		
Nevada	2,635	1,491	712	590	168	545	525		
New Hampshire	5,370	1,666	467	1,268	707	2,385	2,187		
New Jersey	28,267	8,184	2,316	6,171	4,036	13,393	12,770		
New Mexico	13,756	6,219	4,218	2,979	1,779	4,353	4,147		
New York	105,720	25,128	8,863	22,205	12,654	55,481	51,844		
North Carolina	51,369	14,075	1,462	14,031	9,593	22,761	21,798		
North Dakota	8,900	1,245	181	2,271	1,108	5,355	5,144		
Ohio	57,530	13,955	4,421	16,748	10,689	26,153	24,608		
Oklahoma	36,640	13,463	6,578	7,078	4,632	15,945	15,204		
Oregon	16,871	5,922	1,218	3,580	2,304	7,127	6,618		
Pennsylvania	78,514	18,515	1,670	16,130	10,937	42,329	39,683		
Rhode Island	9,340	3,595	1,282	1,260	697	4,380	4,121		
South Carolina	28,147	7,713	2,287	7,320	5,082	13,071	12,612		
South Dakota	11,764	3,323	1,427	2,404	1,249	6,013	5,821		
Tennessee	39,425	9,914	2,074	11,610	7,734	17,488	16,632		
Texas	98,423	27,204	10,285	17,866	12,283	52,600	50,167		
Utah	14,548	4,000	1,716	2,172	1,470	8,107	7,872		
Vermont	3,819	1,260	49	1,205	622	1,284	1,178		
Virginia	43,717	24,303	13,166	8,850	5,646	10,369	9,781		
Washington	32,022	14,621	5,846	5,376	3,339	11,767	11,203		
West Virginia	17,789	4,768	191	5,801	4,090	7,183	6,657		
Wisconsin	31,853	5,944	524	8,644	4,330	16,182	15,166		
Wyoming	3,780	1,335	439	997	400	1,418	1,331		
Canal Zone	3,647						3,647		
Guam	311	287	287	24	24				
Puerto Rico	11,690	3,062		8,634	6,555		3		
Virgin Islands	243	68		146	146		28		
National ⁵	208,727	65,668		6,052		7,100	219,907		
Other	48,481	6,478		29,259		39,448	38,673		

¹ Includes, in addition to Federally affected areas, funds for support of land-grant colleges, vocational education below college level, vocational rehabilitation, American Printing House for the Blind, value of surplus property transferred to educational institutions, education of Public Health personnel, etc.

² Areas affected by Federal activity and employment, e. g., defense production, etc.

³ Includes, in addition to school lunch program, funds for Agricultural Experiment Stations, and Cooperative Agricultural Extension Service.

⁴ Includes also vocational rehabilitation under Public Laws 18 and 894, education and training under Public Law 346, and educational assistance for war orphans under Public Law 634.

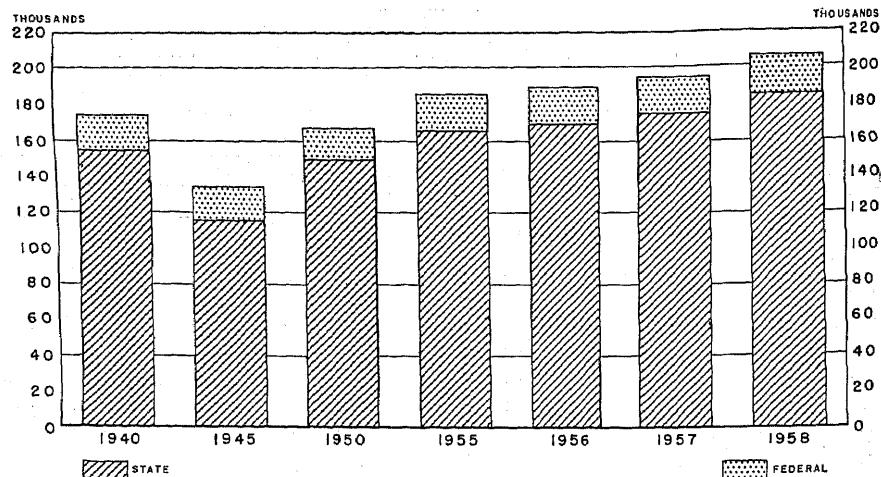
⁵ Federal funds allotted to national programs which cannot be reported by States.

⁶ Negative reconciliation figure.

Source: Department of Health, Education, and Welfare, Office of Education; biennial report, *Federal Funds for Education*.

FIG. X. PRISONERS PRESENT IN FEDERAL AND STATE PRISONS AT END OF YEAR: 1940 TO 1958

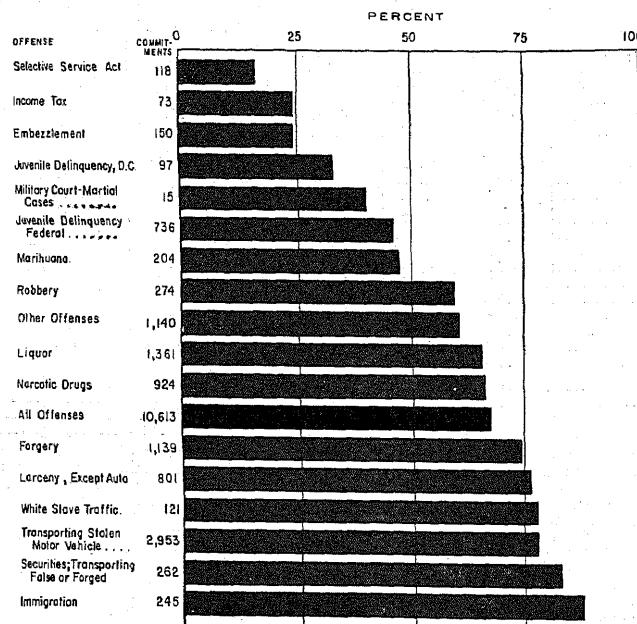
[See table 195]



Source: Chart prepared by Department of Commerce, Bureau of the Census. Data are from Department of Justice, Bureau of Prisons.

FIG. XI. PERCENTAGE OF REPEATERS AMONG PRISONERS COMMITTED TO FEDERAL INSTITUTIONS UNDER SENTENCE OF MORE THAN ONE YEAR: 1959

[See table 200]



Source: Department of Justice, Bureau of Prisons.

Section 5

Law Enforcement, Federal Courts, and Prisons

This section presents data on crimes, arrests, Federal court cases, the legal profession, Federal and State prisoners, and the use of the death penalty. The more important publications in which figures relating to these subjects appear are: *Uniform Crime Reports*, an annual bulletin of the Federal Bureau of Investigation; the Administrative Office of the U.S. Courts, *Annual Report of the Director*; and the Bureau of Prisons annual review, *Federal Prisons*, and periodical bulletins and reports in its *National Prisoner Statistics* series.

In addition, limited information concerning juvenile delinquency and the operation of juvenile courts is collected and published by the Children's Bureau of the Department of Health, Education, and Welfare. Data on prosecution and disposition of persons charged with misdemeanors and other minor offenses may be found for some of the larger cities in the annual reports of their municipal courts or governments.

Law enforcement and legal jurisdiction.—Law enforcement is for the most part a function of State and local officers and agencies. The U.S. Constitution reserves to the States the general police powers, and only offenses against the U.S. Government and against its employees while engaged in their official duties, and offenses which involve the crossing of State lines or an interference with interstate commerce are made Federal offenses by act of Congress. Consequently, criminal offenses such as murder, robbery, burglary, theft, assault, and rape are violations of State laws unless they involve Federal property or a Federal officer while engaged in his official duties, or unless they occur in Federal territories or reservations or on the high seas. There are 52 separate criminal law jurisdictions in the United States, 1 in each of the 50 States, 1 in the District of Columbia, and the Federal jurisdiction. Each of these has its own criminal law and procedure and its own law enforcement agencies. Yet the general system of law enforcement is quite similar from State to State, although there are among the States often substantial differences in the penalties provided for like offenses.

Law enforcement can be divided into three parts. The first covers the activities of the police agencies, namely, the investigation of crimes and the apprehension of persons suspected of committing them. This function involves agencies such as municipal police, county police, State police, sheriffs, constables, marshals, Federal agents, and many kinds of special officers. The second phase is the prosecution of those charged with criminal offenses to determine whether they are in fact guilty. The agencies concerned include the courts, justices of the peace, municipal, State, and Federal grand juries, and prosecuting court officers. The third division of administration is concerned with the punishment or treatment of those convicted of crime. While the courts usually determine the sentence after conviction, the application of the penalty is carried out by the prison, reformatory, or jail, or by probation or parole officials.

Crime.—Nearly all statistical data on crime and criminals are derived from the records and reports of the various agencies engaged in the administration of criminal law. Police statistics present the number of offenses reported, the number of persons arrested, and the offenses cleared by arrest. Arrest records provide data concerning sex, age, race, and other characteristics of the persons arrested and charged with crime. As the police agencies are largely local, a problem is involved in collecting statistical data from the large number of such agencies. The Federal Bureau of Investigation obtains reports from police agencies and publishes summaries for the

country as a whole in its annual *Uniform Crime Reports*. However, in publishing the data submitted by chiefs of police in different cities, the Federal Bureau of Investigation does not vouch for their accuracy. They are issued as information which may throw some light on problems of crime and criminal-law enforcement. The great majority of communities are now reporting to the Federal Bureau of Investigation and the reports received cover over 97 percent of both urban and rural population in the United States.

In 1958 the Federal Bureau of Investigation appointed a consultant committee to make a study of crime reporting in the United States. As a result of the findings and recommendations of this committee, the FBI has revised its methods of compiling, classifying, and presenting statistics on crime. Because of the changes in methodology and definitions, crime figures presented in this edition of the *Statistical Abstract* for the most part are not comparable with those shown in prior editions. The revisions are discussed in *Uniform Crime Reports for the United States for 1958*.

Courts.—Court statistics for criminal offenses and the outcome of the prosecutions for the country are quite incomplete. In many States, an annual or biennial publication presents data on the disposition of criminal cases in the trial courts. The only national compilation of such statistics was made by the Bureau of the Census which annually, until 1945, published data in *Judicial Criminal Statistics* on the disposition of criminal cases in the general trial courts.

Comprehensive information is collected on the business of the Federal courts by the Administrative Office of the U.S. Courts, and is published in the *Annual Report of the Director*. The bulk of civil litigation in the country is commenced and determined in the various State courts, and only when the U.S. Constitution and acts of Congress specifically confer jurisdiction upon the Federal courts may civil litigation be heard and decided by these courts. The question whether a State court or a Federal court has jurisdiction over a particular civil action is often difficult to determine, but generally speaking the Federal courts have jurisdiction over the following types of cases:

- (1) Suits or proceedings by the United States; (2) Suits or proceedings against the United States; (3) Civil actions between private parties arising under the Constitution, laws, or treaties of the United States; (4) Civil actions between private litigants who are citizens of different States; (5) Civil cases involving admiralty, maritime, or prize jurisdiction; (6) All matters and proceedings in bankruptcy.

The Federal courts of original jurisdiction are known as the U.S. district courts, and one or more of these courts is established in every State, including Alaska and Hawaii, and one each in Puerto Rico, the Virgin Islands, the Canal Zone, and Guam. Appeals from the district courts are taken to intermediate appellate courts of which there are 11. They are known as U.S. courts of appeals. The Supreme Court of the United States is the final and highest appellate court in the Federal system of courts.

Prisoners.—Statistics of prisoners committed to penal institutions have been collected and published for a longer period of time than have other criminal statistics. Data on prisoners in Federal and State prisons and reformatories were collected annually by the Bureau of the Census until 1950 when this work was transferred to the Bureau of Prisons. Summary statistics covering persons received and discharged from State prisons and reformatories and from Federal prisons, and persons executed in the United States under civilian authority are now published periodically by the Bureau of Prisons in *National Prisoner Statistics* and in its annual report, *Federal Prisons*. Also, nearly every State publishes annual data either for its whole prison system or for each separate State institution.

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series H 445-451") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

No. 175. CRIMES KNOWN TO THE POLICE, BY TYPE: 1957 AND 1958

[Excludes Alaska and Hawaii. Estimates based on reports of offenses known from city and rural law enforcement agencies representing 91 percent of the urban population and 68 percent of the rural population for 1957, and 99 percent of the urban population and 97 percent of the rural population for 1958, according to current FBI estimates of population. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 138]

TYPE OF CRIME	NUMBER OF OFFENSES		INCREASE, 1957 TO 1958	
	1957	1958	Number	Percent
Total.....	1,422,285	1,553,922	131,637	9.3
Murder ¹	8,027	8,182	155	1.9
Forcible rape ²	12,886	14,561	1,675	13.0
Robbery ³	66,843	75,347	8,504	12.7
Aggravated assault ⁴	110,672	113,530	2,858	2.6
Burglary ⁵	603,707	679,787	76,080	12.6
Larceny over \$50 ⁶	354,972	391,550	36,578	10.3
Auto theft ⁷	265,178	270,965	5,787	2.2

¹ Includes all willful felonious homicides; excludes suicides and justifiable homicides.

² Limited to forcible rapes and attempts.

³ Includes the stealing or taking of anything of value by force or violence or by threat of force or violence; includes attempted robbery.

⁴ Includes assault with intent to kill. Excludes simple assault, assault and battery, fighting, etc.

⁵ Includes any unlawful entry to commit a felony or a theft. Includes attempted burglary and burglary followed by larceny.

⁶ Includes theft of property or articles of value (except auto theft) without the use of force and violence or fraud. Excludes larceny resulting from burglary.

⁷ Includes all cases where motor vehicles are driven away and abandoned. Excludes those taken for temporary use when actually returned by the taker.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 176. URBAN CRIMES KNOWN TO THE POLICE: 1953-57 (AVERAGE) AND 1958

[Excludes Alaska and Hawaii. Offenses known to the police in 2,703 cities over 2,500, total population 84,872,150, according to current FBI estimates. For definitions not shown here, see footnotes, table 175. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 138. See also *Historical Statistics, Colonial Times to 1967*, series H 445-451, for related but not comparable data]

TYPE OF CRIME	NUMBER OF OFFENSES		Percent increase
	1953-57, average	1958	
Total.....	1,412,545	1,782,534	26.2
Murder and nonnegligent manslaughter.....	3,314	3,679	11.0
Manslaughter by negligence ¹	2,301	2,343	1.8
Forcible rape ²	5,203	6,872	32.1
Robbery.....	45,661	52,180	14.3
Aggravated assault.....	63,035	67,966	7.8
Burglary—breaking or entering.....	321,218	404,293	25.9
Larceny—theft ³	821,212	1,061,369	29.2
Auto theft.....	150,601	183,832	22.1

¹ Includes deaths primarily attributable to gross negligence on the part of some individual other than the victim.

² Beginning 1958, the rape category was limited to forcible offenses. Prior to 1958 statutory cases were also included. The forcible rapes used to construct the annual averages for 1953-57 were estimates based on special offense analyses furnished by over 400 selected cities (total population over 50,000,000) which showed the proportion of reported rapes classified as forcible each year.

³ Includes all reported thefts regardless of value of property stolen.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 177. CRIME RATES, BY TYPE, BY STATES: 1957 AND 1958

[Rates based on offenses known per 100,000 population. Based on Bureau of the Census estimated population as of July 1, excluding Armed Forces overseas. For definitions of crimes, see footnotes, table 175. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 138.]

STATE	MURDER AND NONNEGLI- GENT MAN- SLAUGHTER		ROBBERY		AGGRAVATED ASSAULT		BURGLARY— BREAKING OR ENTERING		LARCENY— OVER \$50		AUTO THEFT	
	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958	1957	1958
	4.7	4.7	39.3	48.5	65.0	65.5	354.5	392.4	208.4	226.0	155.7	156.4
United States ^{1,2}	4.7	4.7	39.3	48.5	65.0	65.5	354.5	392.4	208.4	226.0	155.7	156.4
New England	1.4	1.5	15.0	16.8	16.3	16.2	276.3	317.6	171.6	182.5	168.7	171.3
Maine	1.7	2.5	7.1	10.3	8.7	10.7	164.4	216.8	118.1	128.8	118.4	95.4
New Hampshire	0.7	0.7	4.4	4.1	3.3	5.5	196.3	232.2	90.2	96.3	54.5	66.7
Vermont	2.7	3.2	5.4	2.4	0.5	1.3	217.0	262.2	83.8	99.4	65.9	86.7
Massachusetts	1.3	1.4	19.7	21.3	15.6	15.9	281.6	318.8	182.1	187.0	223.1	226.5
Rhode Island	1.2	0.7	14.0	21.4	22.2	22.5	415.9	465.6	258.0	332.1	171.5	222.6
Connecticut	1.7	1.3	12.8	13.6	24.4	21.9	285.7	331.1	173.5	173.5	118.2	109.3
Middle Atlantic	2.4	2.6	35.4	41.0	58.5	60.4	305.3	319.6	232.9	254.9	130.9	139.5
New York	2.5	2.8	34.6	43.2	72.2	74.3	309.3	310.5	322.8	355.3	132.8	149.9
New Jersey	2.3	2.3	34.4	37.6	47.1	47.4	345.7	378.9	174.4	187.9	161.7	161.1
Pennsylvania	2.4	2.5	37.2	39.5	44.2	46.8	278.9	302.3	130.9	142.9	112.4	113.1
East North Central	3.5	3.1	50.9	56.0	45.2	45.7	309.3	356.0	175.1	189.9	136.6	129.8
Ohio	3.6	3.1	39.9	43.0	31.6	32.5	284.2	315.4	152.7	175.3	132.7	130.2
Indiana	2.7	2.9	30.1	34.7	29.3	28.8	341.9	390.8	103.9	202.8	160.2	141.3
Illinois	4.3	4.0	84.8	93.7	53.4	53.8	283.1	321.8	177.6	192.7	101.0	105.6
Michigan	3.2	3.1	55.6	60.2	77.6	77.3	419.1	503.2	207.2	219.5	196.5	175.3
Wisconsin	1.1	1.0	7.7	8.6	10.6	13.3	178.0	204.1	136.3	143.2	88.2	85.2
West North Central	2.5	2.6	30.8	32.4	28.0	29.1	277.7	307.7	148.4	163.2	110.9	110.7
Minnesota	1.6	0.9	10.0	21.0	4.9	6.3	249.6	285.9	124.3	165.7	99.7	106.9
Iowa	0.7	1.5	9.1	9.4	6.0	6.5	219.9	217.5	125.3	140.1	60.2	62.2
Missouri	5.0	5.0	70.0	72.4	69.3	73.4	384.2	455.4	104.9	217.2	184.8	175.1
North Dakota	1.2	0.6	8.4	8.9	7.1	6.0	153.6	167.0	79.7	73.8	71.6	68.7
South Dakota	1.4	1.6	16.0	18.0	16.6	18.2	196.0	219.7	100.2	165.8	59.5	71.4
Nebraska	1.7	3.2	11.6	19.1	14.7	14.3	199.8	205.2	85.2	90.4	103.5	103.3
Kansas	2.8	2.6	24.3	23.5	24.6	27.2	325.9	311.4	153.7	158.0	80.8	82.4
South Atlantic ³	9.1	9.5	31.7	34.6	122.2	119.0	340.7	384.8	180.7	190.7	137.4	138.9
Delaware	6.2	3.1	25.3	24.7	21.4	18.3	242.2	434.1	142.6	176.4	119.8	154.2
Maryland	4.9	5.4	37.4	36.2	100.7	97.3	285.3	323.8	189.4	227.7	236.6	232.4
Virginia	7.3	8.6	30.5	29.9	113.1	112.4	334.6	341.2	189.4	190.8	145.5	132.4
West Virginia	4.7	4.8	14.9	15.5	29.7	32.7	167.7	216.8	80.6	80.7	62.6	78.5
North Carolina	9.8	9.4	15.6	17.8	18.2	18.8	229.9	260.5	97.1	105.2	71.3	72.7
South Carolina	8.9	10.4	15.8	16.8	102.9	89.9	284.7	356.0	161.1	178.5	78.2	93.0
Georgia	12.7	13.8	31.9	29.4	110.7	99.6	331.5	375.1	166.6	172.2	132.6	149.6
Florida	12.2	11.8	51.9	68.7	115.1	113.8	615.7	673.7	320.8	323.8	190.4	173.8
East South Central	9.9	8.5	23.6	24.8	67.6	66.5	268.5	308.4	127.3	136.9	111.3	105.4
Kentucky	7.1	5.4	29.2	30.3	46.6	42.4	241.9	301.1	142.3	158.8	164.7	152.6
Tennessee	9.2	8.4	27.1	26.2	70.5	59.2	360.5	418.5	139.2	142.1	138.6	131.8
Alabama	12.7	13.0	18.5	25.4	94.1	104.5	233.4	298.3	143.8	167.3	78.5	81.2
Mississippi	11.1	6.6	17.6	14.1	53.8	56.3	155.0	161.9	63.5	59.9	40.7	32.2
West South Central	7.6	8.1	29.8	35.7	84.2	79.8	387.1	431.5	186.1	199.5	163.0	162.9
Arkansas	9.6	9.4	24.1	33.0	64.8	61.7	247.3	311.8	118.9	141.6	58.1	68.6
Louisiana	6.8	5.9	32.3	48.1	66.3	59.2	243.4	286.1	163.0	182.1	204.1	197.7
Oklahoma	5.7	6.6	33.1	28.2	48.4	35.4	424.8	423.1	258.0	283.0	151.1	142.5
Texas	8.0	8.9	29.3	32.9	102.7	101.0	453.6	504.3	189.1	195.8	172.5	174.1
Mountain	3.7	4.0	43.0	51.7	41.1	46.8	431.6	471.5	276.9	305.7	227.0	249.7
Montana	3.0	2.5	19.8	21.5	18.5	16.1	295.2	343.5	225.0	244.7	165.3	139.0
Idaho	1.7	2.4	11.6	18.0	9.5	23.0	267.4	308.6	192.7	215.2	87.9	97.1
Wyoming	4.7	2.8	59.9	54.1	31.5	26.3	317.0	291.9	355.8	341.6	181.4	141.3
Colorado	2.5	4.1	63.9	79.0	31.4	36.8	489.8	535.5	262.6	207.6	226.5	240.9
New Mexico	4.9	4.3	29.0	41.6	46.9	54.8	388.4	407.5	309.6	312.5	348.5	357.3
Arizona	7.0	6.6	47.9	66.5	94.4	114.2	541.0	668.2	342.4	404.8	314.1	434.0
Utah	0.7	1.2	34.2	28.8	21.9	23.0	378.0	351.5	222.4	257.9	143.3	152.6
Nevada	9.2	9.7	78.2	98.3	74.0	37.1	809.2	761.1	414.5	406.2	318.7	292.3
Pacific	3.2	3.3	71.2	75.2	83.5	89.0	652.9	698.4	384.1	417.1	289.2	283.3
Washington	2.2	1.5	33.1	35.0	13.4	14.0	451.0	464.2	281.3	286.8	200.6	182.1
Oregon	2.6	2.4	30.1	30.1	17.4	15.7	335.7	363.0	232.8	253.6	128.5	118.4
California	3.5	3.7	83.8	88.5	105.6	112.6	732.4	785.5	423.3	462.4	326.8	323.2

¹ Excludes Alaska and Hawaii.

² Data for forcible rape, not shown separately, as follows: 1957, 7.6; 1958, 8.4.

³ Includes District of Columbia, not shown separately.

No. 178. HOMICIDES AND SUICIDES, BY TYPE AND SEX: 1930 TO 1958

[Excludes Armed Forces overseas, and Alaska and Hawaii]

ITEM	1930		1940		1950		1955		1958	
	Male	Female								
Homicide.....	8,373	2,100	6,647	1,682	6,089	1,853	5,630	1,788	5,840	2,011
Assault by—										
Firearms and explosives.....	5,809	1,186	3,761	894	3,163	1,016	2,870	937	3,143	1,087
Cutting and piercing instruments.....	1,211	342	1,600	404	1,510	369	1,469	357	1,404	361
Other means.....	1,213	570	1,105	384	1,055	466	988	491	979	562
Intervention of police.....	(1)	(1)	(1)	(1)	280	2	225	2	228	1
Execution.....	140	2	121	—	81	—	78	1	50	—
Suicide.....	14,319	4,004	14,466	4,441	13,297	3,848	12,961	3,799	14,366	4,153
Poisoning.....	3,458	2,083	3,537	2,086	2,461	1,508	2,189	1,240	2,499	1,459
Hanging and strangulation.....	2,748	520	2,776	778	2,750	833	2,689	902	2,702	860
Firearms and explosives.....	6,088	647	6,310	763	6,571	806	6,808	955	7,805	1,066
Other.....	2,025	754	1,843	814	1,506	701	1,275	702	1,360	768

¹ Not available.Source: Department of Health, Education, and Welfare, Public Health Service, National Office of Vital Statistics; annual report, *Vital Statistics of the United States*.

No. 179. CRIMES KNOWN TO THE POLICE, BY URBAN POPULATION GROUPS: 1957 AND 1958

[Excludes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 175 and 176. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 188]

POPULATION GROUP	Total	CRIMINAL HOMICIDE		Forcible rape	Robbery	Aggravated assault	Burglary—breaking or entering	Larceny-theft (except auto theft) ¹	Auto theft
		Murder and nonnegligent manslaughter	Manslaughter by negligence						
Total, 2,808 cities:									
1957.....	1,714,179	3,750	2,645	6,748	49,421	69,976	382,320	1,006,200	193,119
1958.....	1,867,287	3,870	2,574	7,622	56,207	72,460	427,457	1,100,313	196,784
Percent change.....	+8.9	+3.2	-2.7	+13.0	+13.7	+3.5	+11.8	+9.4	+1.9
39 cities, 250,000 or more:									
1957.....	805,121	2,111	1,461	4,592	36,291	45,571	190,745	413,143	111,207
1958.....	866,565	2,216	1,370	5,069	40,956	47,540	209,748	448,135	111,581
Percent change.....	+7.6	+5.0	-6.2	+10.4	+12.9	+4.3	+10.0	+8.5	+0.3
78 cities, 100,000 to 250,000:									
1957.....	258,869	524	395	625	4,900	8,864	56,710	160,219	27,132
1958.....	284,709	533	422	737	5,733	8,705	63,971	175,640	28,968
Percent change.....	+10.0	+1.7	+6.8	+17.9	+17.0	+4.1	+12.8	+9.6	+6.8
165 cities, 50,000 to 100,000:									
1957.....	210,232	354	327	512	3,398	6,181	45,225	134,028	20,212
1958.....	228,276	388	330	619	3,981	6,506	51,148	144,018	21,286
Percent change.....	+8.6	+9.6	+0.9	+20.9	+17.2	+5.3	+13.1	+7.5	+5.3
337 cities, 25,000 to 50,000:									
1957.....	191,687	321	231	400	2,223	4,246	38,346	120,882	16,038
1958.....	209,024	319	225	466	2,504	4,012	43,145	142,068	16,205
Percent change.....	+9.0	-0.6	-2.6	+14.0	+12.6	-5.5	+12.5	+9.4	+1.6
741 cities, 10,000 to 25,000:									
1957.....	162,911	293	137	351	1,624	3,708	32,159	112,577	12,062
1958.....	182,645	240	127	425	1,960	3,764	37,632	126,281	12,216
Percent change.....	+12.1	-18.1	-7.3	+21.1	+20.7	+1.5	+17.0	+12.2	+1.3
1,448 cities, less than 10,000:									
1957.....	85,359	147	94	268	985	1,906	19,135	56,356	6,468
1958.....	96,068	174	100	316	1,073	1,933	21,813	64,171	6,488
Percent change.....	+12.5	+18.4	+6.4	+17.9	+8.9	+1.4	+14.0	+13.9	+0.3

¹ Includes larceny under \$50.Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

142 LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS

No. 180. SELECTED CRIMES IN 405 CITIES OF 25,000 OR MORE: 1957 AND 1958

[Excludes Alaska and Hawaii. Represents a total population of 61,228,835 according to current FBI estimates. Minus sign (-) denotes decrease. For definitions of crimes, see footnotes, table 175 and 176. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text p. 138]

TYPE OF CRIME	NUMBER OF OFFENSES		PERCENT		TYPE OF CRIME	NUMBER OF OFFENSES		PERCENT	
	1957	1958	Increase, 1957 to 1958	Distribution, 1958		1957	1958	Increase, 1957 to 1958	Distribution, 1958
RORREY									
Total	42,730	48,392	13.1	100.0	LARCENY—THEFT (EXC. AUTO THEFT), BY VALUE				
Highway	22,445	25,159	12.1	52.1	Total	744,549	803,185	7.9	100.0
Commercial house	10,574	12,322	16.5	25.5	\$50 and over	204,954	223,248	8.9	27.8
Oil station	2,163	2,202	4.6	4.7	\$5 to \$50	436,321	463,408	6.2	57.7
Chain store	1,217	1,644	35.1	3.4	Under \$5	103,274	116,529	12.8	14.5
Residence	3,672	3,882	5.7	8.0					
Bank	136	208	52.9	0.4					
Miscellaneous	2,523	2,855	13.2	5.9					
BURGLARY—BREAKING OR ENTERING									
Total	207,367	329,937	11.0	100.0	LARCENY—THEFT, BY TYPE ¹				
Residence (dwelling):					Total	744,549	803,185	7.9	100.0
Night	64,591	71,406	10.6	21.6	Pocket-picking	7,177	7,050	-1.7	0.9
Day	52,843	57,603	9.0	17.5	Purse-snatching	11,812	12,611	6.8	1.6
Nonresidence (store, office, etc.):					Shoplifting	35,556	41,924	17.9	5.2
Night	163,377	186,555	14.2	56.5	Thefts from autos (exc. accessories)	124,695	144,187	15.6	18.0
Day	10,556	14,373	-13.2	4.4	Auto accessories	203,644	221,141	8.6	27.5
					Bicycles	106,408	108,447	1.9	13.5
					All other	265,257	267,819	4.9	33.3

¹ Includes thefts of less than \$50.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

No. 181. OFFENSES CLEARED BY ARREST AND PERSONS CHARGED, PER 100 KNOWN OFFENSES; AND PERSONS FOUND GUILTY PER 100 PERSONS FORMALLY CHARGED: 1958

[Excludes Alaska and Hawaii. For definitions of crimes, see footnotes, tables 175 and 176. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 138]

TYPE OF CRIME	ALL REPORTING CITIES ¹			CITIES HAVING 25,000 INHABITANTS OR MORE ²		
	Offenses known	Offenses cleared by arrest	Persons charged	Persons charged (held for prosecution)	Persons found guilty—	
					Total	Of offense charged
Total	100.0	26.4	20.6	100.0	66.9	66.4
Criminal homicide:						0.5
Murder and nonnegligent manslaughter	100.0	93.5	94.0	100.0	59.5	45.0
Manslaughter by negligence	100.0	89.8	76.7	100.0	30.5	26.1
Forcible rape	100.0	73.0	78.9	100.0	45.6	33.9
Robbery	100.0	42.7	42.2	100.0	60.8	49.7
Aggravated assault	100.0	78.9	66.7	100.0	41.8	27.4
Burglary—breaking or entering	100.0	29.7	21.3	100.0	67.8	56.1
Larceny—theft	100.0	20.2	15.0	100.0	71.0	66.7
Auto theft	100.0	26.9	23.0	100.0	64.0	50.2

¹ 1,994 cities; population, 77,469,233.

² 198 cities; population, 38,007,281.

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

JUVENILE DELINQUENCY—ARRESTS

143

No. 182. JUVENILE DELINQUENCY—POLICE ARRESTS OF CHILDREN UNDER 18, CASES HANDLED BY JUVENILE COURTS, AND TOTAL NUMBER OF CHILDREN 10 TO 17 YEARS OLD: 1940 TO 1959

[Excludes Alaska and Hawaii, except as noted]

YEAR	CHILDREN UNDER 18 ARRESTED BY POLICE ¹		DELINQUENCY COURT CASES, INDEX (1957=100)		CHILDREN, 10 TO 17 YEARS OLD	
	Number	Index (1940=100)	All cases	With traffic offenses excluded	Number ²	Index (1940=100)
1940	35,332	100	33	—	19,138,000	100
1945	49,566	140	57	—	17,512,000	92
1946	37,833	107	49	—	17,419,000	91
1947	34,376	97	43	—	17,344,000	91
1948	31,750	90	42	—	17,314,000	90
1949	32,922	93	45	—	17,365,000	91
1950	34,599	98	46	—	17,397,000	91
1951	37,259	105	49	—	17,706,000	93
1952	86,128	—	55	—	18,202,000	95
1953	149,808	—	62	—	18,981,000	99
1954	163,666	—	66	—	19,552,000	102
1955	195,626	—	71	—	20,111,000	105
1956	234,474	—	86	—	20,624,000	108
1957	253,817	—	100	100	22,173,000	116
1958	284,215	—	116	107	23,443,000	122
1959	—	—	—	—	24,636,000	129

¹ Data for 1940-1951 based on fingerprint records received by the Federal Bureau of Investigation. Beginning 1952, based on report forms (including arrests of children who were not fingerprinted) sent in by city police departments in varying number of reporting cities; for example, covers 232 cities in 1952, 1,174 in 1953, etc.

² Beginning 1955, based on data from a representative national sample of juvenile courts; for earlier years, estimated by Children's Bureau. For an explanation of the limitations of juvenile court statistics, see *Juvenile Court Statistics, 1957* (Children's Bureau Statistical Series No. 52).

³ Estimates of civilian population as of July published by the Bureau of the Census in *Current Population Reports*, Series P-25. Beginning 1950, includes Alaska. ⁴ Provisional.

Source: Department of Justice, Federal Bureau of Investigation; Department of Health, Education, and Welfare, Social Security Administration, Children's Bureau; and Department of Commerce, Bureau of the Census.

No. 183. ARRESTS, BY AGE GROUPS, IN 1,586 CITIES OF 2,500 OR MORE: 1958

[Excludes Alaska and Hawaii. Data for all persons arrested for violations that happened in these reporting cities, covering about 49 percent of the total city population in 1958. Total estimated population 52,329,497 based on 1958 estimates. Each person arrested is counted rather than the number of charges that may be filed against one person. Arrest of a juvenile is counted with the offense actually committed even though a technical charge, such as juvenile delinquency, must be filed under local procedure. Figures not comparable with those published in previous editions of the *Statistical Abstract*; see text, p. 188.]

OFFENSE CHARGED	Total, all ages	AGE (years)							
		Under 18	18 to 20	21 to 24	25 to 34	35 to 44	45 to 49	50 and over	Not known
Total	2,340,004	284,215	175,800	225,639	539,578	515,341	211,998	387,049	384
Criminal homicide:									
Murder and nonnegligent manslaughter	2,303	130	187	276	732	522	188	297	1
Manslaughter by negligence	1,166	78	124	156	354	240	62	152	—
Robbery	14,968	3,415	3,081	2,033	3,940	1,185	197	215	2
Aggravated assault	25,824	2,340	2,259	3,417	8,137	5,673	1,676	2,322	—
Other assaults	82,464	6,521	7,057	11,965	28,039	18,018	4,792	6,064	8
Burglary—breaking or entering	61,045	30,460	9,249	7,057	9,162	3,510	787	814	6
Larceny—theft	118,325	57,389	14,662	10,367	16,503	9,968	3,312	6,004	30
Auto theft	30,240	19,386	4,596	2,887	2,503	979	184	193	12
Embezzlement and fraud	19,489	477	1,052	2,395	7,429	5,136	1,380	1,620	—
Stolen property; buying, receiving, etc.	5,504	1,700	810	685	1,127	700	219	263	—
Forgery and counterfeiting	11,317	767	1,183	1,890	4,056	2,285	506	630	—
Forcible rape	3,680	682	827	740	887	363	85	96	—
Prostitution and commercialized vice	17,482	195	1,236	3,673	6,831	3,484	933	1,128	2
Other sex offenses (incl. statutory rape)	24,517	4,267	2,559	3,538	6,697	4,213	1,161	2,078	4
Narcotic drug laws	9,863	876	1,071	2,012	4,371	1,337	312	384	—
Weapons; carrying, possessing, etc.	18,611	8,072	2,450	2,972	5,001	2,987	896	1,233	—
Offenses against family and children	28,701	291	1,508	3,546	9,552	5,917	1,384	1,501	2
Liquor laws	52,707	9,494	12,071	3,072	8,632	8,650	3,620	6,216	2
Driving while intoxicated	102,219	618	3,816	10,610	29,285	29,513	11,298	17,077	2
Disorderly conduct	281,997	27,765	30,088	38,183	78,738	58,214	19,331	29,649	29
Drunkenness	908,957	7,748	23,319	54,338	190,784	260,875	125,630	246,014	249
Vagrancy	88,351	4,588	7,128	7,980	17,800	20,207	9,484	21,182	7
Gambling	61,546	575	1,781	5,085	17,704	17,053	6,767	12,455	6
Suspicion	96,740	17,589	17,617	15,966	23,748	12,368	3,847	5,597	11
All other offenses	276,098	84,292	25,984	23,516	57,516	41,947	13,977	23,755	11

Source: Department of Justice, Federal Bureau of Investigation; annual report, *Uniform Crime Reports for the United States*.

144 LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS

NO. 184. SUMMARY OF POLICE EMPLOYMENT, BY TYPE OF GOVERNMENT: 1957

[As of April. Excludes Alaska and Hawaii. Comprises uniformed policemen, law enforcement agents, and clerical, administrative, and custodial personnel concerned with police protection activities]

ITEM	All governments	Federal ¹ (civilian)	STATE AND LOCAL					
			Total	State	Local			
					Total	Counties	Municipalities	
Police employees.....	1,000							
Full time.....	316	22	294	28	267	37	215	15
Part time.....	(2)	(2)	262	27	235	33	193	8
Full-time equivalent.....	290	(2)	32	1	32	4	22	7
Per 10,000 population ²	17.0	(2)	260	27	241	34	198	9
Percent distribution.....	100.0	7.4	92.6	9.4	83.2	11.8	68.2	(2) 3.2
Payroll (April)..... mil. dol.	108.6	11.0	97.6	9.6	88.0	11.5	73.3	3.2
Full-time employees.....	(2)	(2)	95.3	9.6	85.7	11.2	71.7	2.0
Part-time employees.....	(2)	(2)	2.3	-----	2.3	0.4	1.6	0.3
Average earnings per full-time employee..... dollars	(2)	(2)	363	351	365	337	371	341
Police employment as percent of total public employment:								
Full-time equivalent employment.....	4.1	(2)	5.6	2.3	6.7	5.7	15.3	7.7
Payroll (April).....	4.3	(2)	6.0	2.5	7.2	6.8	15.9	8.7

¹ Comprises employment in the Federal Bureau of Investigation, Immigration and Naturalization Service, Bureau of Narcotics, and Secret Service.

² Not available.

³ Based on estimated population as of July 1, 1957.

Source: Department of Commerce, Bureau of the Census: 1957 Census of Governments, *Summary of Public Employment*.

NO. 185. U.S. SUPREME COURT—CASES FILED AND DISPOSITION DURING OCTOBER TERMS: 1940 TO 1958

[For years beginning in June. Statutory term of Court begins first Monday in October, but for statistical purposes new term begins upon adjournment of preceding term, usually in June]

ACTION	1940	1945	1950	1954	1955	1956	1957	1958
Total cases:								
Filed.....	977	1,316	1,181	1,397	1,644	1,802	1,639	1,810
Disposed of.....	985	1,292	1,202	1,352	1,630	1,670	1,765	1,763
Remaining on docket.....	124	168	119	205	219	351	225	281
Original cases filed.....	4	1	-----	4	3	2	-----	3
Appeals filed.....	84	64	77	{ 87	104	128	110	126
Pauper appeals filed.....				8	17	24	17	25
Petitions for review:								
Filed.....	769	727	582	626	787	851	716	760
Granted.....	174	155	89	108	123	139	110	108
Denied or dismissed.....	592	565	495	532	643	664	670	641
Pauper petitions for review:								
Filed.....	120	393	404	543	533	639	680	772
Granted.....	19	15	17	12	16	38	34	24
Denied or dismissed.....	101	378	386	494	579	584	648	716
Motions for leave to file various writs:								
Filed.....	131	118	133	149	162	114	133	1
Granted.....	-----	-----	-----	2	-----	-----	-----	1
Denied or dismissed.....	131	121	126	155	153	119	123	-----
Method of disposition of cases by—								
Written opinions (number of cases).....	195	170	114	86	103	112	125	116
Number of written opinions.....	165	134	91	78	82	100	104	99
Court opinions not signed by an individual Justice.....	86	45	77	102	127	134	184	135
Final decree—original cases.....	1	-----	5	-----	4	3	1	3
Denial or dismissal of petitions for review.....	693	943	881	1,026	1,222	1,248	1,318	1,357
Denial or withdrawal of motions to file various writs.....	-----	131	121	126	155	153	119	123
Dismissal of pauper appeals.....	-----	131	121	126	8	16	20	14
Motion to dismiss or per stipulation.....	10	3	4	4	3	3	4	3

¹ Includes 2 cases argued on rehearing and decided by 1 opinion, not included in total cases filed and disposed of.

² Includes 1 case disposed of on rehearing, not included in total cases filed and disposed of.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 186. U.S. COURTS OF APPEALS—CASES COMMENCED: 1940 TO 1959

[For years ending June 30]

CASES	1940	1945	1950	1954	1955	1956	1957	1958	1959
Total cases.....	3,505	2,730	2,830	3,481	3,695	3,588	3,701	3,694	3,754
Appeals from courts.....	2,561	2,168	2,290	2,715	3,049	2,930	3,017	3,010	3,086
Administrative appeals, total.....	800	511	485	659	576	609	618	625	606
Federal Communications Commission.....	15	4	14	34	34	53	45	53	35
Federal Power Commission.....	8	4	12	15	27	51	53	31	39
Federal Trade Commission.....	23	26	8	11	25	23	19	21	22
National Labor Relations Board.....	306	108	167	294	178	166	201	222	264
The Tax Court of the United States.....	414	331	239	271	272	254	255	253	204
Other administrative appeals.....	34	38	45	34	40	62	45	45	52
Original proceedings.....	144	51	55	107	70	49	66	59	62

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 187. U.S. DISTRICT COURTS—CIVIL CASES COMMENCED: 1941 TO 1959

[For years ending June 30. Excludes district courts in D.C., Alaska, Canal Zone, Guam, and Virgin Islands; district courts in these areas have both local and Federal jurisdiction, and most of their cases are local in nature. Beginning 1950, includes Hawaii and Puerto Rico]

TYPE OF CASE	1941	1945	1950	1954	1955	1956	1957	1958	1959
Total.....	28,909	52,144	44,454	48,182	48,308	51,284	53,343	58,464	48,625
U.S. cases.....	14,544	42,087	21,854	19,167	19,504	20,600	19,227	20,733	19,505
U.S. plaintiff.....	12,656	38,396	17,726	14,811	15,588	16,557	15,259	16,219	14,872
Land condemnation.....	1,783	1,253	759	706	710	820	810	762	821
Denaturalization.....	942	200	605	331	555	303	366	370	325
Fair Labor Standards Act.....	1,706	435	336	379	485	496	838	989	1,076
Other enforcement suits.....	240	28,640	5,568	326	241	248	278	294	405
Forfeitures:									
Food and drug.....	2,265	3,415	1,582	1,212	1,085	903	912	1,137	1,140
Liquor laws.....	569	593	517	687	419	397	415	485	327
Other forfeitures.....	736	458	401	428	241	184	194	198	183
Negotiable instruments.....	3,206	1,639	4,156	5,814	5,684	5,717	5,871	6,465	5,370
Other contracts.....	341	301	2,029	3,004	3,718	4,809	3,290	3,353	3,313
Other U.S. plaintiff.....	868	1,456	1,773	1,924	2,450	2,680	2,285	2,166	1,912
U.S. defendant.....	1,888	3,601	4,128	4,356	3,916	4,043	3,968	4,520	4,633
Enjoining Federal agencies.....	178	328	440	476	681	600	611	630	809
Habeas corpus.....	471	547	626	695	585	543	415	483	566
Federal Tort Claims Act.....			1,018	1,118	854	915	1,057	1,157	1,240
Tax suits.....	779	402	896	863	905	1,088	1,141	1,316	1,240
Admiralty suits.....	36	2,016	468	582	388	310	191	211	181
Other U.S. defendant.....	424	338	685	622	603	547	553	723	507
Private cases.....	14,365	10,057	22,600	29,015	28,804	30,684	34,116	37,725	29,120
Federal question.....	5,427	3,563	6,743	7,492	7,117	7,602	8,143	8,804	8,356
Antitrust laws.....	110	26	155	159	206	225	184	260	248
Copyright.....	560	133	164	208	284	297	357	419	404
Patent.....	953	226	689	578	667	686	623	644	652
Trademark.....	173	91	204	193	210	247	243	285	296
Employers' Liability Act.....	100	412	1,084	1,282	1,363	1,327	1,358	1,307	1,175
Fair Labor Standards Act.....	816	597	245	182	151	125	173	217	205
Habeas corpus.....	127	536	560	597	680	734	778	755	822
Jones Act.....	949	384	1,716	2,253	2,067	2,392	2,712	3,054	2,615
Miller Act.....	142	231	112	419	332	476	505	523	531
Bankruptcy.....	181	70	308	244	270	270	278	272	290
Civil Rights Act.....		27	139	159	196	239	205	217	246
Other Federal question.....	1,316	830	1,367	1,218	711	634	727	851	872
Diversity of citizenship.....	7,286	5,208	13,124	18,598	19,121	20,524	23,223	25,706	17,340
Contracts:									
Insurance.....	1,163	1,099	2,186	3,132	3,241	3,454	3,663	4,196	1,636
Other contracts.....	1,622	1,042	2,676	3,852	3,409	3,762	3,918	4,327	2,686
Real property.....	499	232	449	428	425	529	477	455	311
Torts:									
Personal injury, motor vehicle.....	1,820	1,040	3,958	6,014	7,190	7,532	8,654	9,637	7,322
Personal injury, other negligence.....	1,214	1,311	2,541	3,318	3,385	3,895	4,990	5,568	4,287
Other diversity.....	1,059	544	1,314	1,454	1,471	1,352	1,521	1,523	1,098
Admiralty.....	1,652	1,226	2,733	2,925	2,566	2,558	2,750	3,125	3,424

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 188. U.S. DISTRICT COURTS—TRIALS BEGUN: 1945 TO 1959

[For years ending June 30. For purposes of this table, a trial was defined as a contested proceeding (other than a hearing on a motion) before either court or jury in which evidence was introduced and final judgment sought. See headnote, table 187.]

Type of Trial	1945	1950	1953	1954	1955	1956	1957	1958	1959
Total	8,390	7,977	8,801	9,133	9,258	9,865	9,147	9,545	9,123
Civil trials	4,358	5,663	5,798	5,665	5,882	6,589	6,133	6,386	6,208
Non-jury	2,845	3,648	3,399	3,182	3,224	3,413	3,076	3,262	3,238
Jury	1,513	2,015	2,399	2,483	2,658	3,176	3,057	3,124	3,060
Criminal trials	4,032	2,314	3,003	3,468	3,376	3,276	3,014	3,159	2,825
Non-jury	1,391	825	1,126	1,308	1,151	1,209	1,099	1,220	920
Jury	2,641	1,489	1,877	2,160	2,225	2,067	1,915	1,939	1,905

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 189. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY BASIS OF JURISDICTION AND MAJOR NATURE OF SUIT: 1959

[For year ending June 30. See headnote, table 187. Excludes data for land condemnation cases]

Basis of Jurisdiction and Nature of Suit	Total	JUDGMENT WITHOUT CONTEST OR BY CONSENT					CONTESTED JUDGMENT			
		Dismissed for want of prosecution	Default judgment	Consent judgment	Consent dismissal	Other disposition	By decision of court before trial	After non-jury trial	By court during jury trial	On jury verdict
Total	62,298	1,333	8,219	5,684	26,452	2,027	3,996	2,399	244	1,884
U.S. cases	19,503	200	7,711	2,379	5,882	370	1,901	960	18	82
U.S. plaintiff	14,902	116	7,694	2,008	8,861	134	662	381	8	38
Denaturalization	498	4	155	4	284	4	40	7		
Fair Labor Standards Act	938	3	75	489	291	4	28	45	1	2
Other enforcement suits	395	5	37	98	138	44	47	31		
Forfeitures:										
Food and drug	1,124	3	611	357	67	19	65	2		
Liquor laws	371	3	186	45	42	3	58	67	2	15
Other forfeitures	179	1	101	9	31		17	20		
Negotiable instruments	5,963	44	4,219	455	1,100	12	92	38	1	2
Other contracts	3,437	39	1,787	169	1,222	16	122	70	1	11
Other U.S. plaintiff	1,997	14	573	387	686	32	193	101	3	8
U.S. defendant	4,601	84	17	371	2,021	236	1,239	579	10	44
Enjoining Federal agencies	721	25	7	22	256	35	283	92		
Habeas corpus	541	3	1		101	2	424	10		
Federal Tort Claims Act	1,215	29	1	246	617	63	54	199	2	4
Tax suits	1,258	11		25	764	82	133	204	5	34
Admiralty suits	209	9		27	129	14	15	15		
Other U.S. defendant	657	7	8	51	154	40	330	59	3	5
Private cases	32,735	1,133	508	3,305	20,570	1,657	2,095	1,439	226	1,802
Federal question	8,321	419	154	548	5,209	208	1,122	338	28	295
Antitrust laws	238	15		3	166	5	35	9	1	4
Copyright	407	36	51	33	241	7	21	18		
Patent	615	32	2	142	305	21	31	77	1	4
Trademark	276	15	6	112	110	3	13	17		
Employers' Liability Act	1,279	21		43	968	47	11	12	8	169
Fair Labor Standards Act	181	8	1	24	101	8	12	22	2	3
Habeas corpus	835	2	1		80	7	729	16		
Jones Act	2,714	205	7	98	2,191	46	38	21	10	98
Miller Act	485	20	12	36	339	8	31	35	1	3
Bankruptcy	288	15	5	28	185	6	14	28		7
Civil Rights Act	209	17	1		82	4	81	15	4	5
Other Federal question	794	33	68	29	441	46	106	68	1	2
Diversity of citizenship	21,337	557	255	2,599	13,107	1,303	880	939	196	1,501
Contracts:										
Insurance	2,931	25	25	1,260	986	133	145	171	19	167
Other contracts	3,487	149	152	346	1,878	221	250	325	30	136
Real property	409	5	14	29	199	41	41	68	2	10
Torts:										
Personal injury, motor vehicle	8,422	180	30	610	5,952	485	186	167	58	745
Personal injury, other negligence	4,704	137	12	264	3,314	278	148	116	70	365
Other diversity	1,384	61	13	90	778	145	110	92	17	73
Admiralty	3,077	157	99	158	2,254	146	93	162	2	6

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 190. U.S. DISTRICT COURTS—CIVIL CASES TERMINATED, BY TIME INTERVAL FROM FILING TO DISPOSITION: 1950, 1955, AND 1959

[For years ending June 30. Covers only cases in which a trial was held. Excludes data for land condemnation, forfeiture, and habeas corpus cases. See headnote, table 187. For definition of median, see table 22]

TIME INTERVAL	1950			1955			1959		
	Total cases	Non-jury	Jury	Total cases	Non-jury	Jury	Total cases	Non-jury	Jury
Total	5,020	3,320	1,700	5,239	2,806	2,433	5,304	2,583	2,721
Less than 6 months	1,118	721	397	866	398	468	573	280	293
6 months to 1 year	1,574	1,011	568	1,308	617	691	1,379	598	781
1 to 2 years	1,448	937	511	1,561	865	696	1,844	905	939
2 years and over	880	651	229	1,504	926	578	1,508	800	708
Less than 1 year—percent	53.6	52.2	56.5	41.5	36.2	47.6	36.8	34.0	39.5
Median interval—months	11.2	11.5	10.4	14.6	16.7	12.6	15.3	16.3	14.3

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 191. U.S. DISTRICT COURTS—CRIMINAL PROCEEDINGS COMMENCED, BY MAJOR OFFENSE GROUPS: 1950 TO 1959

[For years ending June 30. Figures for defendants are smaller in some instances than corresponding figures for cases, because defendants appearing in more than one case have been counted only once. See headnote, table 187.]

NATURE OF PROCEEDING AND OFFENSE	1950		1955		1958		1959	
	Cases	Defendants	Cases	Defendants	Cases	Defendants	Cases	Defendants
Total	33,739	39,747	33,241	39,026	26,863	32,649	26,785	33,176
Proceeding commenced by—								
Indictment	13,674	18,221	12,968	17,146	13,469	17,644	13,271	17,838
Information—indictment waived	6,147	6,713	8,556	9,205	8,291	8,882	8,186	8,904
Information—other	13,836	14,723	11,668	12,621	5,071	6,086	5,286	6,386
All other proceedings	82	90	49	54	32	37	42	48
Offense:								
Transportation, etc., of stolen motor vehicles	2,772	3,369	3,592	4,134	4,014	4,491	3,879	4,472
Fraud and other theft ¹	8,892	10,089	8,723	9,926	8,588	9,561	8,998	10,306
White slave traffic	233	268	306	340	192	214	225	250
Narcotics	2,172	2,584	1,511	1,980	1,474	1,082	1,345	1,890
Liquor, Internal Revenue	3,606	5,745	3,953	5,947	4,622	6,846	4,214	6,348
Other liquor	271	294	31	38	47	62	26	36
Antitrust violations	23	325	16	190	22	151	38	203
Food and Drug Act	368	579	335	569	275	462	383	619
Immigration laws	10,451	10,879	9,634	9,697	2,369	2,426	2,302	2,341
Impersonation of Federal officer	218	220	169	173	155	155	132	129
Juvenile delinquency	968	1,160	1,038	1,233	1,301	1,569	1,150	1,373
Migratory bird laws	525	699	624	839	486	671	558	772
Motor Carrier Act	553	611	297	347	516	556	601	701
National defense laws:								
Selective Service Acts	208	207	465	476	312	308	258	258
Illegal use of uniform	111	108	112	109	120	121	93	91
Other ²	36	51	114	163	44	150	42	132
All other U.S. offenses	1,899	2,476	1,867	2,386	1,807	2,258	1,934	2,521
Offenses committed on U.S. reservations and high seas:								
Robbery	5	6	10	22	11	17	6	15
Assault	68	77	73	70	75	85	85	91
Burglary	10	15	32	54	56	70	56	79
Larceny	121	137	154	101	216	256	212	254
Rape and other sex offenses	37	36	38	39	37	47	51	75
All other local, etc., offenses	102	112	147	163	174	181	197	220

¹ Includes burglary, embezzlement, forgery, income tax violations, theft, etc., interstate commerce and transportation, etc., of stolen property.

² Comprises treason, espionage, sabotage, sedition, and other offenses directly associated with national defense.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 192. U.S. DISTRICT COURTS—CRIMINAL DEFENDANTS DISPOSED OF, BY MAJOR OFFENSE GROUPS: 1959

[For year ending June 30. See headnote, table 187]

NATURE OF OFFENSE	Total	NOT CONVICTED			CONVICTED			SENTENCED		
		Total	Dismissed	Acquitted	Total	Pleas of guilty or nolo	Convicted	Imprisonment	Probation and suspended sentence	Fine only
Total (excluding juvenile delinquency) ¹	30,729	3,696	2,638	1,058	27,033	24,793	2,240	13,648	10,726	2,659
Transportation, etc., of stolen motor vehicles	4,380	325	256	69	4,055	3,866	189	3,053	1,000	2
Larceny, fraud, and other theft ²	9,757	1,056	752	304	8,701	8,190	511	4,069	4,210	422
White slave traffic	234	47	27	20	187	131	56	138	46	3
Narcotics	1,742	364	267	97	1,378	1,005	873	1,151	224	3
Liquor, Internal Revenue	6,207	824	507	317	5,473	4,848	625	2,104	3,184	185
Other liquor	60	13	11	2	37	31	6	12	16	9
Antitrust violations	167	34	28	6	133	123	10	4	-----	129
Food and Drug Act	511	56	44	12	455	439	16	12	71	372
Immigration laws	2,398	109	92	17	2,289	2,266	23	1,515	720	54
Impersonation	118	9	8	1	109	100	9	81	27	1
Migratory bird laws	797	144	86	58	653	586	67	48	81	524
Motor Carrier Act	603	41	36	5	622	596	26	-----	70	552
National defense laws:										
Selective Service Acts	258	56	44	12	202	159	43	152	49	1
Illegal use of uniform	95	5	4	1	90	90	-----	35	44	11
Other ³	102	40	38	2	122	118	4	59	43	20
Counterfeiting	138	22	15	7	116	100	16	82	34	-----
All other U.S. offenses	2,248	449	354	95	1,799	1,586	213	827	625	347
Offenses committed on U.S. reservations and high seas	714	102	69	33	612	559	53	306	282	24
Juvenile delinquency	1,396	40	29	11	1,356	-----	1,356	702	653	1

¹ Juvenile cases excluded because proceedings differ from ordinary court trial and because Attorney General may designate any public or private agency for custody of juvenile during period of commitment.

² See footnote 1, table 191. ³ See footnote 2, table 191.

Source: Administrative Office of the U.S. Courts; *Annual Report of the Director*.

No. 193. LEGAL PROFESSION—LAWYERS, BY SEX, YEAR OF BIRTH, EDUCATION, AND STATUS IN PRACTICE: 1957

[Includes Alaska and Hawaii. Data based on 1958 edition of Martindale-Hubbell Law Directory]

ITEM	Total lawyers	IN CITIES ¹ HAVING—		ITEM	Total lawyers	IN CITIES ¹ HAVING—	
		200,000 inhabitants or more	Less than 200,000			200,000 inhabitants or more	Less than 200,000
		Total ²	Total reporting ³	Status in practice: ⁴	Government service	Federal	State
Total ²	262,320	139,008	123,312	24,245	11,780	9,000	3,458
Total reporting ³	235,783	124,240	111,543	Federal	12,458	1,134	2,866
Male	229,433	120,486	108,947	State	4,000	1,646	6,141
Female	6,350	3,754	2,596	City or county	7,787	7,910	1,876
Year of birth:				Judicial	1,634	1,876	6,034
1925 and later	30,225	19,343	16,882	Federal	769	381	388
1915-1924	60,235	29,757	30,478	State or county	5,056	1,063	3,903
1905-1914	59,491	32,476	27,015	City	2,085	432	1,653
1895-1904	41,044	23,179	17,865	Private practice	188,955	96,571	92,384
1885-1894	22,940	11,599	11,341	Individual	122,389	62,950	59,439
1875-1884	10,397	4,633	5,764	Partner	54,966	25,958	29,008
1874 and earlier	2,098	820	1,278	Associate	11,600	7,603	3,937
Unknown	3,353	2,433	920	Salaried	21,054	13,461	7,593
Education:				Private industry	18,911	12,399	6,512
Attended college	191,198	99,985	91,263	Educational institution	1,504	627	877
College degree	122,767	66,221	55,546	Other private employment	639	435	204
Attended law school	214,019	115,424	98,595	Inactive or retired	7,661	3,052	4,609
Law degree	188,883	103,297	85,586				
Unknown	14,457	6,994	7,403				

¹ According to the 1950 Census of Population.

² Includes lawyers not reporting and an estimated adjustment (subtraction) to account for duplications.

³ Includes 4,508 duplications.

⁴ If more than one subentry was applicable the individual was tabulated in each.

Source: American Bar Foundation; *The 1958 Distribution of Lawyers in the United States*.

No. 194. LEGAL PROFESSION—LAWYERS, BY STATES: 1948 TO 1957

[Data based on 1949, 1952, 1955, and 1958 editions of Martindale-Hubbell Law Directory]

STATE	1948	1951	1954	1957				
				Total	Male	In private practice	In government or judicial service	With law degree
United States¹	171,110	204,111	221,600	235,783	229,433	2 188,955	2 32,155	188,883
Alabama-----	1,602	2,098	2,151	2,340	2,298	1,854	406	1,930
Alaska-----	69	94	124	140	133	105	32	104
Arizona-----	669	865	1,027	1,169	1,150	946	154	943
Arkansas-----	1,478	1,628	1,689	1,646	1,612	1,338	323	1,055
California-----	10,744	14,577	16,543	18,453	17,930	15,108	2,198	14,030
Colorado-----	1,584	2,122	2,450	2,782	2,727	2,285	368	2,436
Connecticut-----	2,013	2,515	2,945	3,182	3,119	2,611	346	2,639
Delaware-----	249	316	361	423	419	264	42	374
District of Columbia-----	4,702	6,637	8,030	10,957	10,413	4,608	5,801	9,934
Florida-----	2,049	4,165	5,397	6,099	5,968	5,220	757	5,275
Georgia-----	2,690	3,630	3,962	3,976	3,837	3,084	659	2,880
Hawaii-----	191	265	360	410	400	331	104	361
Idaho-----	459	570	614	641	625	511	150	506
Illinois-----	14,144	15,643	16,482	16,885	16,356	13,691	1,570	14,152
Indiana-----	3,781	4,119	4,308	4,311	4,225	3,439	669	3,240
Iowa-----	2,883	3,261	3,314	3,280	3,195	2,594	461	1,865
Kansas-----	1,823	2,220	2,373	2,473	2,419	2,054	455	2,068
Kentucky-----	2,569	3,009	2,975	3,072	2,998	2,526	526	2,248
Louisiana-----	2,190	2,730	3,061	3,300	3,200	2,672	374	2,571
Maine-----	767	887	923	894	867	763	173	574
Maryland-----	2,801	3,320	3,637	3,928	3,865	3,154	348	3,411
Massachusetts-----	6,950	7,788	8,163	8,672	8,351	7,539	654	6,951
Michigan-----	5,501	6,561	7,070	7,655	7,490	6,213	944	6,369
Minnesota-----	3,167	3,500	3,814	4,070	4,011	3,232	589	3,204
Mississippi-----	1,368	1,008	1,888	1,850	1,812	1,482	331	1,337
Missouri-----	4,934	5,802	6,141	6,237	6,049	4,742	811	5,062
Montana-----	620	704	847	874	852	681	160	660
Nebraska-----	1,823	2,070	2,163	2,157	2,102	1,581	406	1,644
Nevada-----	262	313	336	381	360	330	70	303
New Hampshire-----	410	492	531	548	537	442	112	429
New Jersey-----	5,827	7,042	7,372	7,662	7,492	6,748	558	5,269
New Mexico-----	439	617	698	811	795	642	152	672
New York-----	28,618	33,206	35,360	37,110	35,028	31,819	2,355	30,246
North Carolina-----	2,400	2,714	3,009	3,124	3,085	2,557	552	1,832
North Dakota-----	509	563	632	626	619	474	166	474
Ohio-----	9,525	11,020	12,310	12,908	12,578	10,646	1,279	10,544
Oklahoma-----	3,379	3,740	3,948	3,901	3,704	2,840	570	2,863
Oregon-----	1,604	1,922	2,115	2,233	2,182	1,707	408	1,698
Pennsylvania-----	8,763	9,526	10,228	10,567	10,402	9,009	823	8,437
Rhode Island-----	719	800	909	977	968	887	92	802
South Carolina-----	1,150	1,399	1,436	1,565	1,525	1,309	261	1,209
South Dakota-----	625	740	738	737	733	594	229	567
Tennessee-----	2,750	3,284	3,457	3,579	3,494	2,830	559	3,011
Texas-----	8,223	9,997	10,636	11,357	11,110	8,723	1,517	8,794
Utah-----	637	838	876	957	927	782	158	811
Vermont-----	354	383	403	422	405	333	86	264
Virginia-----	2,590	3,515	3,775	3,834	3,802	3,094	732	2,943
Washington-----	2,420	2,967	3,230	3,302	3,241	2,697	517	2,801
West Virginia-----	1,381	1,622	1,646	1,660	1,638	1,405	227	1,390
Wisconsin-----	3,420	4,215	4,688	5,084	4,972	4,088	761	4,434
Wyoming-----	286	380	432	446	435	331	100	367

¹ Includes 3,242 duplications for 1948, 4,148 for 1951, 4,440 for 1954, and 4,506 for 1957.² See footnote 4, table 193.Source: American Bar Foundation; *Lawyers in the United States—Distribution and Income, Part I* (copyright 1956), and *The 1958 Distribution of Lawyers in the United States*.

No. 195. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY TYPE OF INSTITUTION: 1940 TO 1958

[**Rate per 100,000 estimated civilian population.** Federal institutions include a few prisoners committed from the Federal courts in Alaska and Hawaii; State institutions in Alaska and Hawaii are excluded. Includes reformatories; also includes Highway Road Camp felony prisoners in North Carolina. See also *Historical Statistics, Colonial Times to 1957*, series H 412-417]

YEAR	PRESENT AT END OF YEAR						RECEIVED FROM COURTS					
	All institutions		Federal institutions		State institutions		All institutions		Federal institutions		State institutions	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
1940-----	173,708	131.9	19,260	14.6	154,446	117.3	73,104	55.5	15,109	11.5	57,995	44.0
1945-----	133,649	104.8	18,638	14.6	115,011	90.2	53,212	41.7	14,171	11.1	39,041	30.6
1946-----	140,799	101.2	17,622	12.7	122,457	88.5	61,302	44.3	14,950	10.8	46,352	33.5
1947-----	151,304	106.1	17,146	12.0	134,158	94.1	64,735	45.4	12,948	9.1	51,787	36.3
1948-----	155,977	107.4	16,328	11.2	139,649	96.2	63,696	43.9	12,430	8.6	51,266	35.3
1949-----	163,749	111.0	16,868	11.4	146,881	99.5	68,836	46.6	13,130	8.9	55,706	37.7
1950-----	166,165	110.6	17,134	11.4	149,031	99.2	69,515	46.3	14,287	9.5	55,278	36.8
1951-----	165,680	109.7	17,395	11.5	148,285	98.1	67,164	44.5	14,120	9.3	53,044	35.1
1952-----	168,283	109.7	18,014	11.7	150,219	97.9	70,845	46.2	15,305	10.0	55,540	36.2
1953-----	173,579	111.2	19,363	12.4	154,216	98.8	74,149	47.5	16,376	10.5	57,773	37.0
1954-----	182,901	115.0	20,003	12.6	162,898	102.4	80,796	50.8	16,685	10.5	64,111	40.3
1955-----	185,915	114.5	20,083	12.4	165,827	102.2	78,349	48.3	15,286	9.4	63,063	38.9
1956-----	189,565	114.7	20,134	12.2	169,431	102.5	77,869	47.1	13,454	8.1	64,415	39.0
1957-----	195,414	116.1	20,420	12.1	174,994	103.9	80,409	47.8	13,305	7.9	67,104	39.0
1958-----	205,643	120.0	21,549	12.6	184,094	107.4	88,781	51.8	13,803	8.1	74,978	43.7

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 21.

No. 196. FEDERAL AND STATE PRISONS—MOVEMENT OF SENTENCED PRISONERS, BY SEX: 1957 AND 1958

[For coverage, see headnote, table 195. See also *Historical Statistics, Colonial Times to 1957*, series II 418 and H 421-431]

MOVEMENT OF SENTENCED PRISONERS	1957			1958		
	Total	Male	Female	Total	Male	Female
Prisoners present:						
January 1-----	189,565	182,190	7,375	195,414	188,113	7,301
December 31-----	195,414	188,113	7,301	205,643	198,208	7,435
Percent change-----	3.1	3.3	-1.0	5.2	5.4	1.8
Admissions-----	153,912	148,179	5,733	163,140	157,439	5,701
Admitted, except transfers-----	101,827	96,617	5,210	113,324	107,042	5,382
Received from courts-----	80,409	76,316	4,093	88,781	84,673	4,108
Returned as a parole or conditional-release violator-----	12,096	11,573	523	13,029	12,351	678
Returned from escape-----	2,222	2,098	124	2,505	2,409	96
Other admissions-----	7,100	6,630	470	9,009	8,509	500
Transferred from other institutions-----	52,085	51,562	523	49,816	49,497	319
Discharges-----	148,063	142,256	5,807	152,911	147,344	5,567
Discharged, except transfers-----	96,628	91,330	5,293	102,420	97,175	5,245
Releases-----	85,356	80,732	4,624	88,679	84,142	4,537
Conditional-----	48,762	46,035	2,727	51,708	48,938	2,770
Parole-----	43,357	40,851	2,506	45,907	43,278	2,620
Conditional pardon-----	121	117	4	8	8	-----
Other conditional release-----	5,284	5,067	217	5,793	5,652	141
Unconditional-----	36,694	34,697	1,897	36,971	35,204	1,707
Expiration of sentence-----	33,408	31,764	1,644	33,754	32,240	1,514
Pardon-----	131	127	4	115	112	3
Commutation-----	3,055	2,806	249	3,102	2,852	250
Escape-----	2,255	2,180	125	2,668	2,564	104
Death, except execution-----	735	719	16	704	689	15
Execution-----	65	64	1	48	48	-----
Other discharges-----	8,217	7,685	532	10,321	9,732	589
Transferred to other institutions-----	51,435	50,926	509	50,491	50,169	322

1 Includes prisoner movement incident to court orders and authorized temporary absences.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 19 and 21.

No. 197. FEDERAL AND STATE PRISONS—PRISONERS PRESENT AND PRISONERS RECEIVED, BY STATES: 1950 TO 1958

[See headnote, table 195]

STATE	PRESENT AT END OF YEAR					RECEIVED FROM COURTS				
	1950	1955	1956	1957	1958	1950	1955	1956	1957	1958
United States.....	166,165	185,915	189,565	195,414	205,648	69,515	78,349	77,869	80,409	88,781
Federal institutions ¹	17,134	20,088	20,134	20,420	21,549	14,237	15,286	13,454	13,305	13,803
State institutions.....	149,031	165,827	169,431	174,994	184,094	55,278	63,063	64,415	67,104	74,978
New England:										
Maine.....	736	620	646	621	647	471	325	362	394	415
New Hampshire.....	235	198	192	167	144	72	76	67	59	47
Vermont.....	259	285	254	248	295	210	207	158	191	243
Massachusetts.....	2,375	1,905	1,879	1,884	1,906	851	861	944	983	990
Rhode Island ²	284	305	298	253	272	250	201	269	86	140
Connecticut.....	1,020	1,260	1,263	1,329	1,565	440	591	603	667	849
Middle Atlantic:										
New York.....	15,313	17,069	17,345	17,659	17,552	3,456	4,510	4,464	4,563	4,651
New Jersey.....	3,991	3,782	3,944	3,848	3,996	1,555	1,679	1,865	1,878	2,155
Pennsylvania.....	7,432	7,342	7,462	7,614	7,945	1,867	2,187	2,282	2,249	2,588
East North Central:										
Ohio.....	9,128	10,483	10,679	11,257	11,365	2,727	3,264	3,263	3,677	4,207
Indiana.....	4,738	4,462	4,632	5,050	5,296	1,134	1,331	1,400	1,430	1,576
Illinois.....	7,886	8,130	8,053	8,451	8,606	1,868	2,196	1,919	2,141	2,552
Michigan.....	8,591	9,547	10,071	10,138	10,334	3,076	3,275	3,601	3,588	3,890
Wisconsin.....	2,017	2,281	2,336	2,282	2,617	1,051	1,265	1,283	1,279	1,343
West North Central:										
Minnesota.....	1,879	1,964	2,063	2,153	2,128	679	653	693	735	727
Iowa.....	2,084	2,203	2,177	2,148	2,167	632	743	711	759	830
Missouri.....	3,400	3,966	3,703	3,703	3,673	1,550	1,692	1,502	1,721	2,091
North Dakota.....	235	228	232	241	293	124	126	125	127	175
South Dakota.....	451	423	451	464	467	302	291	310	303	358
Nebraska.....	1,147	1,080	1,072	1,091	1,210	623	644	561	626	728
Kansas.....	1,959	1,974	1,932	1,945	2,001	833	802	794	897	945
South Atlantic:										
Delaware ³	158	172	226	213	226	123	127	118	154	246
Maryland.....	3,892	4,685	5,117	5,099	5,037	3,060	3,855	4,130	4,023	4,244
Dist. of Columbia.....	1,478	2,020	2,119	2,046	2,064	580	679	733	617	688
Virginia.....	4,439	4,869	4,869	5,135	5,719	1,751	1,839	1,823	1,906	2,218
West Virginia.....	2,904	2,269	2,101	2,191	2,406	702	625	501	612	680
North Carolina.....	5,004	5,334	5,497	5,702	5,804	1,928	2,384	2,469	2,507	2,639
South Carolina.....	1,513	1,852	1,868	1,963	2,200	607	700	734	837	1,003
Georgia ⁴	4,545	5,701	5,908	6,285	6,824	1,606	2,067	1,955	2,223	2,723
Florida.....	3,973	4,830	5,107	5,668	6,374	1,516	2,105	2,357	2,669	3,231
East South Central:										
Kentucky.....	3,259	3,349	3,170	3,125	3,531	1,365	1,476	1,500	1,477	1,849
Tennessee.....	2,780	2,723	2,713	2,657	2,712	1,026	984	931	956	1,073
Alabama ⁵	4,454	5,222	5,407	5,224	5,543	2,514	3,065	3,045	2,386	2,443
Mississippi.....	2,158	2,080	2,011	1,967	2,066	753	737	610	657	799
West South Central:										
Arkansas.....	1,541	1,751	1,721	1,776	1,849	695	787	752	814	903
Louisiana.....	2,674	3,026	3,220	3,363	3,636	1,164	1,342	1,288	1,499	1,679
Oklahoma.....	2,401	2,600	2,664	2,666	2,754	1,183	1,237	1,248	1,298	1,428
Texas.....	6,424	8,622	9,268	10,091	10,531	2,996	3,947	4,051	4,325	4,748
Mountain:										
Montana.....	595	529	586	596	645	410	382	421	453	441
Idaho.....	514	520	526	538	587	290	233	251	262	305
Wyoming.....	410	345	326	352	384	237	231	206	244	301
Colorado.....	1,490	1,800	1,912	2,006	1,972	957	929	949	1,001	1,098
New Mexico.....	705	724	764	888	1,000	437	403	375	475	506
Arizona.....	878	1,055	1,118	1,238	1,392	452	540	609	680	780
Utah.....	562	554	602	567	570	239	168	207	195	227
Nevada.....	240	373	370	352	380	172	218	202	198	185
Pacific:										
Washington.....	2,290	2,443	2,468	2,422	2,628	933	805	734	754	830
Oregon.....	1,534	1,552	1,557	1,400	1,524	689	641	608	638	791
California.....	11,056	15,230	15,532	16,918	19,202	3,122	3,638	4,432	4,801	5,411

¹ Not included in State figures.

² Beginning 1957, excludes misdemeanor prisoners received from court into Adult Correctional Institutions.

³ Covers only the New Castle County workhouse through 1955; beginning July 1, 1956, also includes the Kent and Sussex County workhouses which were united with it to form State correctional system.

⁴ Includes only prisoners liable to imprisonment in Georgia State Prison.

⁵ Beginning June 20, 1957, excludes misdemeanor prisoners received from court.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin Nos. 19 and 21.

No. 198. AVERAGE TIME SERVED BY PRISONERS RELEASED FROM FEDERAL INSTITUTIONS FOR FIRST TIME, BY OFFENSE: 1959

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii. Excludes 437 first releases other than by parole, expiration of sentence, and mandatory release; also excludes 659 parole releases of offenders sentenced under the Youth Corrections Act and 1,145 second or subsequent releases. In computing averages, sentences to life and to more than 45 years were counted as 45 years; minority sentences of juvenile delinquents were counted from date of sentence to 21st birthday.]

OFFENSE	ALL FIRST RELEASES			BY PAROLE			BY OTHER TYPES OF RELEASE		
	Number	Average time served		Number	Average time served		Number	Average time served	
		Average sentence (months)	Percent of average sentence		Average sentence (months)	Percent of average sentence		Average sentence (months)	Percent of average sentence
Total offenses-----	13,581	26.0	16.7	64.2	3,425	36.8	16.6	45.1	10,156
Counterfeiting-----	72	41.5	32.8	58.6	23	61.0	26.4	43.3	49
Drug laws-----	915	49.7	32.8	66.0	173	52.2	24.4	46.7	742
Embezzlement-----	236	19.1	9.6	50.3	146	25.2	10.8	42.9	90
Forgery-----	1,293	21.7	15.3	70.5	209	26.6	12.2	47.7	1,054
Fraud-----	258	19.8	12.6	63.6	94	25.0	11.9	47.6	164
Immigration; nationality laws-----	1,283	10.2	7.9	77.5	118	12.3	6.2	50.4	1,165
Impersonating Federal officer-----	63	29.6	19.7	66.6	11	47.8	22.4	46.9	53
Income tax-----	149	15.9	9.1	57.2	82	18.7	8.6	67	126
Juvenile delinquency (except D.C.)-----	860	33.0	19.0	64.7	467	37.6	16.9	44.9	383
Kidnapping-----	28	148.4	80.9	54.5	10	243.0	110.1	45.3	16
Larceny—theft, etc., of stolen motor vehicle-----	3,509	25.5	17.8	69.8	665	28.6	13.8	48.3	2,844
Liquor laws-----	2,304	27.3	19.2	70.3	436	30.9	15.1	48.9	1,958
Robbery-----	2,189	13.9	9.1	65.5	684	16.8	7.7	45.8	1,305
Securities, transporting false or forged-----	164	120.2	61.7	51.3	92	132.7	55.1	41.5	72
Selective Service Act-----	220	30.3	21.0	69.3	42	31.1	15.2	48.9	178
Wearing military uniform illegally-----	174	22.2	10.1	45.5	128	25.6	10.1	39.5	46
Whiteslave traffic-----	57	12.6	9.2	73.0	5	23.8	10.2	42.9	52
Other and unclassifiable-----	147	36.2	23.6	65.2	38	46.2	16.9	46.1	109
District of Columbia cases-----	526	27.5	18.2	66.2	148	31.3	15.4	49.2	378
Government reservation, high seas, and territorial cases-----	140	71.6	39.0	54.5	95	66.3	28.3	42.7	45
Military court-martial cases-----	1,123	12.4	7.9	63.7	102	58.4	27.6	47.3	1,021
	136	127.5	66.0	51.8	93	158.3	65.8	41.6	93

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

PRISONERS

153

No. 199. SENTENCED FEDERAL PRISONERS RECEIVED FROM THE COURTS, BY OFFENSE: 1937 TO 1959

[For years ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii.
Data for all Federal prisoners; some committed to non-Federal institutions]

OFFENSE	1937	1940	1945	1950	1955	1957	1958	1959
Total	24,202	23,003	21,200	18,063	20,013	16,733	16,857	17,281
Counterfeiting and forgery	1,486	1,589	673	1,534	1,714	1,587	1,615	1,797
Drug laws	1,866	2,250	1,134	2,029	1,694	1,687	1,567	1,369
Marijuana	(1)	550	454	878	457	414	303	246
Narcotics	(1)	1,700	680	1,151	1,237	1,273	1,264	1,123
Embezzlement and fraud	510	750	340	609	487	515	540	590
Immigration	2,802	2,270	3,996	3,463	4,952	1,556	1,654	1,637
Income tax	(1)	(1)	15	164	237	251	189	185
Juvenile delinquency		216	911	658	734	963	953	869
Kidnapping	44	37	20	41	37	34	26	36
Liquor laws	12,238	10,735	2,988	2,304	2,294	2,376	2,378	2,440
Robbery	(1)	117	45	92	252	211	242	293
Theft from interstate commerce	308	313	475	270	342	310	292	327
Transportation, etc., of stolen motor vehicle	1,312	1,512	1,072	2,486	2,989	3,020	3,295	3,400
White slave traffic	370	378	209	185	240	195	134	139
Government reservation, D.C., high seas, and territorial cases	1,033	1,021	986	1,145	1,458	1,592	1,667	1,748
Other	2,203	1,759	1,748	2,104	1,973	1,941	1,914	2,141
National security offenses	30	56	6,588	979	610	495	391	310
Selective Service Acts			2,613	136	214	194	197	164
Other national-defense security laws	(1)	11	2,150	130	152	108	104	128
Military court-martial cases:								
Army	30	45	1,793	606	219	166	82	5
Navy			32	107	25	27	8	13

1 Not classified separately.

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

No. 200. FEDERAL PRISONERS BY NUMBER OF PREVIOUS COMMITMENTS, BY OFFENSE: 1959

[For year ending June 30. Includes a few prisoners committed from the Federal courts in Alaska and Hawaii.
Known previous commitments under sentence of prisoners committed to Federal institutions under sentence of more than 1 year]

OFFENSE	Total com- mitted	WITH KNOWN PREVIOUS COMMITMENTS				Without known previous commit- ments	
		Total		With 1	With 2		
		Number	Percent of total com- mitted				
Total offenses	10,613	7,179	67.6	2,274	1,525	3,380	3,434
Counterfeiting	100	68	68.0	22	15	31	32
Drug laws	1,128	708	62.8	242	150	316	420
Embezzlement	150	37	24.7	16	9	12	113
Forgery	1,139	848	74.5	220	173	455	291
Fraud	149	76	51.0	24	14	38	73
Immigration	245	215	87.8	20	40	155	30
Impersonating Federal officer	32	27	84.4	5	6	16	5
Income tax	73	18	24.7	8	4	6	55
Juvenile delinquency	736	338	45.9	230	69	30	393
Kidnapping	35	26	74.3	7	4	15	9
Larceny—theft	3,754	2,904	77.4	799	640	1,405	850
Transportation, etc., of stolen motor vehicle	2,953	2,294	77.7	660	402	1,142	659
Liquor laws	1,361	890	65.4	321	185	384	471
Robbery	274	163	59.5	54	35	74	111
Securities, transporting false or forged	202	217	82.8	56	42	119	45
Selective Service Acts	118	19	16.1	13	1	5	99
Wearing military uniform illegally	25	21	84.0	6	5	10	4
White slave traffic	121	94	77.7	34	17	43	27
Other and unclassifiable	341	234	68.6	74	49	111	107
Government reservation, D.C., high seas and territorial cases	555	270	48.6	110	65	95	2
Military court-martial cases	15	6	40.0	4	2		

Source: Department of Justice, Bureau of Prisons; annual report, *Federal Prisons*.

154 LAW ENFORCEMENT, FEDERAL COURTS, AND PRISONS

No. 201. FEDERAL AND STATE PRISONS—FULL-TIME STAFF, BY OCCUPATION AND SEX:
1958

[As of December 31. Excludes Alaska and Hawaii]

OCCUPATION	ALL INSTITUTIONS			FEDERAL INSTITUTIONS ¹			STATE INSTITUTIONS		
	Total	Male	Female	Total	Male	Female	Total	Male	Female
Total full-time staff members	37,660	34,453	3,207	4,748	4,502	246	32,912	29,951	2,961
Prisoners per staff member	5.5			4.4			5.6		
Administrative	782	703	59	71	68	3	691	635	56
Clerical and fiscal	8,208	1,850	1,358	447	365	82	2,761	1,485	1,276
Medical	1,121	930	191	339	325	14	782	605	177
Classification and parole	695	652	43	105	101	4	590	551	39
Education	1,229	1,098	131	187	181	6	1,092	967	125
Religion (chaplains)	195	194	1	29	29		166	165	1
Prison industries:									
Shop superintendents	404	392	12	42	41	1	362	351	11
Industries employees	1,603	1,532	71	334	324	10	1,269	1,208	61
Employees principally occupied with:									
Institutional maintenance ²	2,701	2,674	27	526	526		2,175	2,148	27
Culinary service ³	893	782	111	142	127	15	751	655	96
Farm operation ⁴	951	934	17	132	132		819	802	17
Custodial operation ⁵	23,629	22,481	1,148	2,402	2,293	109	21,227	20,188	1,039
Other officers and employees	269	231	38	42	40	2	227	191	36

¹ Excludes data for Public Health Service Hospitals for narcotic-drug addicts whose staff supervise both prisoner and nonprisoner patients.² Foremen, stationary engineers, mechanics, carpenters, plumbers, laundrymen, etc.³ Stewards, dietitians, cooks, bakers, etc.⁴ Farm managers, dairymen, animal husbandmen, poultry men, vegetable gardeners, farm laborers, etc.⁵ Officers and employees who primarily carry out a custodial function, and who cannot be classified in any of the above positions.Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 22.No. 202. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY OFFENSE AND RACE:
1930 TO 1959

Includes 2 Federal executions in Alaska, 1 in 1948 and 1 in 1950. Excludes executions by military authorities. The Army (including the Air Force) carried out 159 (148 between 1942 and 1950, 3 each in 1954, 1955, and 1957, and 1 each in 1958 and 1959). Of the total, 106 were executed for murder (including 21 involving rape), 52 for rape, and 1 for desertion. The Navy carried out no executions during the period. See also *Historical Statistics, Colonial Times to 1957*, series H 432-444]

TYPE OF OFFENSE AND RACE	All years	1930-39	1940-44	1945-49	1950-54	1955	1956	1957	1958	1959
Total	3,666	1,666	645	639	413	76	65	65	48	49
White	1,653	827	276	214	201	44	21	34	20	16
Negro	1,972	816	362	419	209	32	43	31	27	33
Other	41	23	7	6	3		1		1	
Murder	3,170	1,514	597	528	348	65	52	54	40	41
White ¹	1,573	804	255	203	188	41	20	32	20	15
Negro ¹	1,562	687	277	319	157	24	31	22	19	20
Other	39	23	5	6	3		1		1	
Rape	426	125	96	103	58	7	12	10	7	8
White	42	10	12	7	9	1		2		1
Negro	382	115	82	96	49	6	12	8	7	7
Other	2		2							
All other offenses ²	61	27	12	8	7	4	1	1	1	
White ²	33	13	9	4	4	2	1			
Negro	28	14	3	4	3	2		1	1	

¹ White includes 18 females; Negro, 11 females.² 22 armed robbery, 16 kidnaping, 11 burglary, 8 espionage (6 in 1942 and 2 in 1953), 4 aggravated assault.³ Includes 2 females, both executed in 1953, 1 for kidnaping and 1 for espionage.Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 23.

EXECUTIONS

155

No. 203. PRISONERS EXECUTED UNDER CIVIL AUTHORITY, BY STATES: 1930 TO 1959

[Death penalty illegal in States not listed (Alaska, Hawaii, Maine, Mich., Minn., N. Dak., R.I., and Wis.) with certain exceptions in Mich., N. Dak., and R.I. under the provisions of which no executions have taken place]

STATE	All years	1930-39	1940-44	1945-49	1950-54	1955	1956	1957	1958	1959
Total ¹	3,666	1,666	645	639	413	76	65	65	48	49
Alabama	130	60	29	21	14	—	1	2	1	2
Arizona	34	17	6	3	2	2	—	1	2	1
Arkansas	109	53	20	18	11	—	1	—	—	6
California	262	108	35	45	39	9	5	9	6	6
Colorado	41	25	6	7	1	—	1	1	—	—
Connecticut	20	5	5	5	—	3	—	—	—	2
Delaware	12	8	2	2	—	—	—	(3)	(3)	—
District of Columbia	40	20	3	18	3	—	—	1	—	—
Florida	158	44	38	27	22	4	7	3	3	10
Georgia	352	137	58	72	51	4	6	14	6	4
Idaho	3	—	—	—	2	—	—	1	—	—
Illinois	88	61	13	5	8	—	—	—	1	—
Indiana	40	31	2	5	2	—	—	—	—	—
Iowa	16	8	3	4	1	—	—	—	—	—
Kansas	10	(3)	3	2	5	—	—	—	—	—
Kentucky	102	52	19	15	8	5	3	—	—	—
Louisiana	131	58	24	23	14	2	1	7	2	—
Maryland	67	16	26	19	2	1	—	1	—	2
Massachusetts	27	18	6	3	—	—	—	—	—	—
Mississippi	144	48	34	26	15	8	8	2	3	—
Missouri	58	36	6	9	5	1	—	1	—	—
Montana	6	5	1	—	—	—	—	—	—	—
Nebraska	4	—	—	2	1	—	—	—	—	1
Nevada	27	8	5	5	9	—	—	—	—	—
New Hampshire	1	1	—	—	—	—	—	—	—	—
New Jersey	71	40	6	8	8	3	1	—	—	—
New Mexico	7	2	—	2	2	—	—	1	—	—
New York	319	153	78	36	27	7	6	4	4	4
North Carolina	202	131	50	62	14	1	1	1	2	—
Ohio	165	82	15	36	20	—	4	1	6	1
Oklahoma	54	34	6	7	4	—	1	2	—	—
Oregon	18	2	6	6	4	—	—	—	—	3
Pennsylvania	149	82	15	21	19	7	2	—	—	—
South Carolina	154	67	32	29	16	4	4	2	—	—
South Dakota	1	(4)	—	1	—	—	—	—	—	—
Tennessee	92	47	19	18	1	4	—	2	—	1
Texas	268	120	38	36	49	4	7	5	6	3
Utah	12	2	3	1	2	1	2	—	1	—
Vermont	4	1	—	1	2	—	—	2	3	2
Virginia	86	28	13	22	15	1	—	—	—	—
Washington	45	23	9	7	4	—	1	1	—	—
West Virginia	40	20	2	9	5	—	1	—	2	1
Wyoming	6	4	2	—	—	—	—	—	—	—

¹ Includes Federal executions not shown by State (1930-1939, 9; 1940-1944, 7; 1945-1949, 6; 1950-1954, 6; 1956, 1; and 1957, 2).

² Death penalty illegal beginning April 2, 1958.

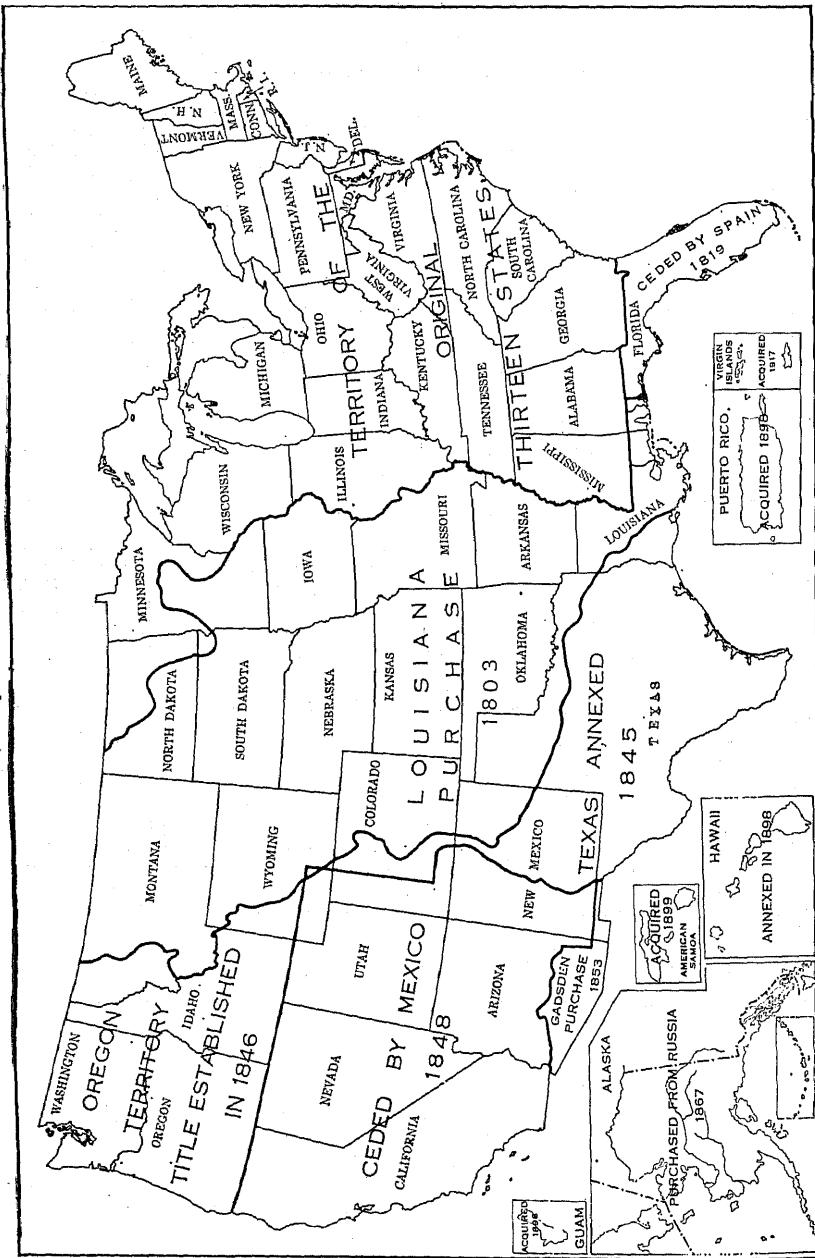
³ Death penalty illegal 1930-1934.

⁴ Death penalty illegal 1930-1938.

Source: Department of Justice, Bureau of Prisons; *National Prisoner Statistics*, bulletin No. 23.

FIG. XII. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER PRINCIPAL AREAS

[See table 204]



Source: Department of Commerce, Bureau of the Census.

Section 6

Area, Geography, and Climate

Statistics in this section relate to area, climatological, topographic, and hydrologic measurements of the United States. There are few official publications other than those showing area measurements issued infrequently by the Bureau of the Census, which present area and geography statistics of national scope. However, many data are compiled by Federal Government agencies, such as the Geological Survey, the Coast and Geodetic Survey, and the Weather Bureau, which are primarily for particular regions or are collected for internal administrative purposes.

Area.—Area measurements in the United States began with measurements for the country as a whole and developed, as mapping progressed, to measurements for the States.

The annual report of the U.S. General Land Office for 1850 contained the first reference to the areas of the several States and Territories, although there was no indication of the method used in obtaining these measurements. The General Land Office was practically the sole source of information concerning the areas of the States and Territories until 1881.

The Bureau of the Census in 1881, as a part of the 1880 Census of Population, laid the foundation for accurate and detailed area measurement in the United States. For the first time an account was given of the method and maps employed, the water bodies included, and the outer limits of the United States used as a basis for measurement.

The same Bureau, in 1940 in its publication, *Areas of the United States: 1940*, presented the first basic measurement of the United States since its work in 1880. The data presented in that study cover the total land and water areas of the States, counties, cities, and minor civil divisions.

Geography.—The Geological Survey, cooperating with State agencies, is responsible for topographic and geologic maps and for basic data concerning the quantity, quality, and movement of surface and ground water.

The Bureau of Land Management conducts cadastral surveys.

The Coast and Geodetic Survey has responsibility for coastal and geodetic surveys and measurement of certain physical phenomena. Authorized in 1807, this agency's original function was to survey and chart the coast of the United States and the outlying islands and fishing banks. In 1871, Congress authorized an extension of the geodetic surveys from coast to coast to provide the States with reference markers for the control of their topographic and geologic mapping and their boundary surveys, and to provide data for use by the Geological Survey and other agencies. Since 1927 the Coast and Geodetic Survey has also been charged with the preparation of aeronautical charts for the United States and its outlying areas.

A civil mapping activity of the Corps of Engineers, the U.S. Lake Survey, was established in 1841. Its primary function is to furnish Great Lakes navigators with reliable charts and information regarding harbor facilities. It also maintains records of the fluctuating levels of the lakes, the flow through connecting rivers, the precipitation over the lakes, and reports on all hydraulic problems relating to the Great Lakes.

Climate.—The Weather Bureau is responsible for essentially all meteorologic data. It collects, processes, and publishes climatological data. This Bureau maintains about 11,000 weather stations. Of this number nearly 3,000 stations produce autographic precipitation records, about 600 take automatic or hourly readings of a series of weather elements, and the remainder record one observation a day. There are few

records in existence for stations before 1871 although some earlier and less detailed records began in the 18th century.

Nearly all weather stations have been moved several times in their history. Consequently, the Weather Bureau has adopted the practice of using "normal" values of temperature and precipitation for comparative purposes rather than long-term means which are derived from records taken at the several different locations the stations may have had over the years.

Normal values of temperature and precipitation are based on records for the 30-year period 1921 to 1950, inclusive. Where a station had a record for the entire 30 years from the same instrument site, monthly precipitation normals are the mean of the monthly values for the 30 years. For such stations, the temperature normals were obtained in a similar manner, using normal maximum and normal minimum values to obtain monthly normals. The annual normal temperature is obtained by dividing the sum of the annual normal maximum value and the annual normal minimum value for temperature by 2.

For stations that did not have continuous records from the same instrument site for the entire 30 years, 1921 to 1950, the means have been adjusted to the record at the present site. In these adjustments, a "difference factor" was used for temperature and a "ratio factor" for precipitation. These factors were determined by parallel comparison, either between records at the actual station sites or through a second station that had a continuous record to compare against both sites for obtaining the resultant adjusting factors. Normals were thereafter obtained as outlined above.

This system of normals has three characteristics: (1) The 30-year period (1921 to 1950) adopted for the computations is consistent with the term of years accepted by the World Meteorological Organization for climatic normals; (2) where the station and exposure for records in a given locality have been changed, the whole record has been carefully studied and adjusted to the latest source of records and reports; (3) the normals for maximum and minimum temperatures are separately tabulated.

The degree-day normals are derived from the values for the monthly normal maximum and minimum temperatures, and are computed on the standard base 65° F. The degree day has been defined as follows: "A unit, based upon temperature difference and time, used in estimating fuel consumption and specifying nominal heating load in winter. For any one day, when the mean temperature is less than 65° F., there exist as many degree days as there are Fahrenheit degrees difference in the temperature between the average temperature for the day and 65° F."

Alaska and Hawaii.—For a general statement concerning the treatment of data for Alaska and Hawaii, see preface. "Conterminous area" refers to the United States excluding Alaska, Hawaii, and outlying areas.

Historical statistics.—Tabular headnotes (as "See also *Historical Statistics, Colonial Times to 1957*, series J 1-2") provide cross-references, where applicable, to *Historical Statistics of the United States, Colonial Times to 1957*. See preface.

NO. 204. TERRITORIAL EXPANSION OF THE UNITED STATES AND ACQUISITIONS OF OTHER AREAS

[Boundaries of all territories listed under "United States" were indefinite, at least in part, at time of acquisition. Area figures shown here represent precise determinations of specific territories which have been marked upon maps, based upon interpretations of the several treaties of cession which are necessarily debatable. These determinations were made by a committee consisting of representatives of various governmental agencies in 1912. Subsequently these figures were adjusted to bring them into agreement with remeasurements made in 1940. See also *Historical Statistics, Colonial Times to 1957*, series J 1-2.]

ACCESSION	Date	Gross area (land and water)	ACCESSION	Date	Gross area (land and water)
Total.....		Sq. mi. 3,628,130	Other:		Sq. mi.
United States.....		3,615,206	The Philippines ²	1898	115,600
Territory in 1790 ³		888,811	Puerto Rico.....	3 1899	3,435
Louisiana Purchase.....	1803	827,192	Guam.....	3 1899	206
By treaty with Spain:			American Samoa.....	4 1900	76
Florida.....	1819	58,560	Canal Zone ⁴	1904	553
Other areas.....	1819	13,443	Coral Islands ⁵	1914	4
Texas.....	1845	390,144	Virgin Islands of the U.S. Trust Territory of the Pacific Islands ⁶	1917	133
Oregon.....	1846	285,580	All other ⁸	1947	8,475
Mexican Cession.....	1848	529,017			42
Gadsden Purchase.....	1853	29,640			
Alaska.....	1867	586,400			
Hawaii.....	1898	6,419			

¹ Includes that part of drainage basin of Red River of the North, south of 49th parallel, sometimes considered part of Louisiana Purchase.

² Not included in total. Ceded by Spain in 1898, the Philippines constituted a territorial possession of the United States from 1898 to 1946. Granted independence as of July 4, 1946, they then became the Republic of the Philippines.

³ Acquired 1898; ratified 1899.

⁴ Acquired 1899; ratified 1900.

⁵ Under jurisdiction of United States in accordance with treaty of Nov. 18, 1903, with Republic of Panama.

⁶ Leased (1914) from Republic of Nicaragua for 99 years. ⁷ Under trusteeship. See table 4, footnote 17.

⁸ Comprises following islands with gross areas as indicated: Midway (2), Wake (3), Palmyra (4), Canton and Enderbury (combined area, 27), Swan (1), Navassa (2), Baker, Howland, and Jarvis (combined area, 3), Johnston and Sand (combined area, less than 0.5), Kingman Reef, Quita Suelo Bank, Roncador Cay, and Serrano Bank (each less than 0.5), and other islands specified in table 4, footnote 10, for which area figures are not available.

Source: Department of Commerce, Bureau of the Census; reports and records.

NO. 205. COASTLINE OF THE UNITED STATES, BY STATES

[In miles]

STATE	General coast-line ¹	TIDAL SHORELINE		STATE	General coast-line ¹	TIDAL SHORELINE	
		General ²	Detailed ³			General ²	Detailed ³
U.S. excl. Alaska and Hawaii.....	4,840	12,877	53,677	Atlantic coast—Con.			
				South Carolina.....	187	758	2,876
				Virginia.....	112	567	3,315
Atlantic coast.....	1,888	6,370	28,377	Gulf coast.....	1,659	4,097	17,437
Connecticut.....		96	618	Alabama.....	53	199	607
Delaware.....	28	79	381	Florida.....	798	1,658	5,391
Florida.....	309	618	3,035	Louisiana.....	397	985	7,721
Georgia.....	100	603	2,344	Mississippi.....	44	155	359
Maine.....	228	676	3,478	Texas.....	367	1,100	3,359
Maryland.....	31	452	3,190				
Massachusetts.....	192	453	1,519	Pacific coast.....	1,293	2,410	7,863
New Hampshire.....	13	14	131	California.....	840	1,190	3,427
New Jersey.....	130	398	1,792	Oregon.....	206	312	1,410
New York.....	127	470	1,850	Washington.....	157	908	3,026
North Carolina.....	301	1,030	3,875	Alaska.....	6,640	15,132	33,904
Pennsylvania.....			89	Hawaii.....	775	900	1,092
Rhode Island.....	40	156	384				

¹ Figures are lengths of general outline of seacoast. Measurements made with unit measure of 30 minutes of latitude on charts as near scale of 1:120,000 as possible. Shoreline of bays and sounds is included to point where they narrow to width of unit measure, and distance across at such point is included.

² Measurements made with unit measure of 3 statute miles on charts of 1:200,000 and 1:400,000 scale when available. Shoreline of bays, sounds, and other bodies of water included to point where they narrow to width of 3 statute miles, and distance across at such point is included.

³ Figures obtained in 1939-1940 with recording measure on largest scale maps and charts then available. Shoreline of bays, sounds, and other bodies of water included to head of tide-water, or to point where they narrow to width of 100 feet.

Source: Department of Commerce, Coast and Geodetic Survey; *Coastline of the United States*, July 1948, and records.

No. 206. AREA, BY STATES AND FOR OTHER AREAS: 1950

[Area in square miles. See also table 4]

STATE OR OTHER AREA	Capital	Year of admission to Statehood	AREA			
			Total	Rank order	Land ¹	Water ²
United States			3,615,206		3,552,197	63,009
New England			66,608	39	63,159	3,449
Maine	Augusta	1820	33,215	39	31,040	2,175
New Hampshire	Concord	3 1788	9,304	44	9,017	287
Vermont	Montpelier	1791	9,609	43	9,278	331
Massachusetts	Boston	3 1788	8,257	45	7,867	390
Rhode Island	Providence	3 1790	1,214	50	1,058	156
Connecticut	Hartford	3 1788	5,000	48	4,899	110
Middle Atlantic			102,745		100,511	2,234
New York	Albany	3 1788	49,576	30	47,944	1,632
New Jersey	Trenton	3 1787	7,836	46	7,522	314
Pennsylvania	Harrisburg	3 1787	45,333	33	45,045	288
East North Central			248,283		244,867	3,416
Ohio	Columbus	1803	41,222	35	41,000	226
Indiana	Indianapolis	1816	36,291	38	36,205	86
Illinois	Springfield	1818	56,400	24	55,935	465
Michigan	Lansing	1837	58,216	23	57,022	1,104
Wisconsin	Madison	1848	50,154	26	54,705	1,449
West North Central			517,247		510,644	6,603
Minnesota	St. Paul	1858	84,068	12	80,009	4,059
Iowa	Des Moines	1846	56,290	25	56,045	245
Missouri	Jefferson City	1821	69,674	19	69,226	448
North Dakota	Bismarck	1889	70,665	17	70,057	008
South Dakota	Pierre	1889	77,047	16	76,536	511
Nebraska	Lincoln	1867	77,227	15	76,683	564
Kansas	Topeka	1861	82,276	14	82,108	168
South Atlantic			278,902		268,040	10,862
Delaware	Dover	3 1787	2,057	49	1,978	79
Maryland	Annapolis	3 1788	10,577	42	9,881	696
Dist. of Columbia			69	51	61	8
Virginia	Richmond	3 1788	40,815	36	39,893	922
West Virginia	Charleston	1863	24,181	41	24,080	101
North Carolina	Raleigh	3 1789	52,712	28	49,097	3,615
South Carolina	Columbia	3 1788	31,055	40	30,305	750
Georgia	Atlanta	3 1788	58,876	21	58,483	393
Florida	Tallahassee	1845	58,560	22	54,262	4,208
East South Central			181,964		179,987	1,977
Kentucky	Frankfort	1792	40,395	37	39,864	531
Tennessee	Nashville	1796	42,244	34	41,797	447
Alabama	Montgomery	1819	51,609	29	51,078	531
Mississippi	Jackson	1817	47,716	32	47,248	408
West South Central			438,885		430,381	8,504
Arkansas	Little Rock	1836	53,104	27	52,675	429
Louisiana	Baton Rouge	1812	48,523	31	45,162	3,361
Oklahoma	Oklahoma City	1907	69,919	18	69,031	888
Texas	Austin	1845	267,339	2	263,513	3,826
Mountain			863,887		857,296	6,591
Montana	Helena	1889	147,138	4	145,878	1,260
Idaho	Boise	1890	83,557	13	82,769	788
Wyoming	Cheyenne	1890	97,014	9	97,506	408
Colorado	Denver	1876	104,247	8	103,922	325
New Mexico	Santa Fe	1912	121,666	5	121,511	155
Arizona	Phoenix	1912	113,909	6	113,575	334
Utah	Salt Lake City	1896	84,916	11	82,346	2,570
Nevada	Carson City	1864	110,540	7	109,789	751
Pacific			916,685		897,312	19,373
Washington	Olympia	1889	68,192	20	66,786	1,406
Oregon	Salem	1859	96,981	10	96,315	666
California	Sacramento	1850	158,693	3	156,740	1,953
Alaska	Juneau	1959	586,400	1	571,065	15,335
Hawaii	Honolulu	1959	6,419	47	6,408	13
American Samoa	Pago Pago		76		76	
Canal Zone ⁴			553		362	191
Guam	Agana		206		203	3
Puerto Rico	San Juan		3,435		3,423	12
Trust Terr. of Pacific Islands ⁵			8,475			
Virgin Islands of U.S.	Charlotte Amalie		133		132	1

¹ Dry land and land temporarily or partially covered by water, such as marshland, swamps, and river flood plains; streams, sloughs, estuaries, and canals less than one-eighth of a statute mile in width; and lakes, reservoirs, and ponds less than 40 acres of area.

² Permanent inland water surface, such as lakes, reservoirs, and ponds having 40 acres or more of area; streams, sloughs, estuaries, and canals one-eighth of a statute mile or more in width; deeply indented embayments and sounds, and other coastal waters behind or sheltered by headlands or islands separated by less than 1 nautical mile of water; and islands having less than 40 acres of area. Does not include water surface of the oceans, bays, the Gulf of Mexico, the Great Lakes, Long Island Sound, Puget Sound, and the Straits of Juan de Fuca and Georgia, lying within the jurisdiction of the United States but not defined as inland water.

³ Year of ratification of Constitution; one of the original 13 States.

⁴ See table 4, footnote 14.

⁵ See table 4, footnote 17.

No. 207. EXTREME POINTS OF THE UNITED STATES

[The geographic center of an area may be defined as that point on which the surface of the area would balance if it were a plane of uniform thickness, or in other words, the center of gravity of the surface. The exact position of the geographic center of the United States cannot be determined from the data available and the positions given here must be considered approximate only. They are believed to be sufficiently accurate for ordinary purposes]

LOCATION	Direction from geographic center	COORDINATES		Distance from geographic center
		Latitude (N)	Longitude (W)	
From geographic center of United States (conterminous area) ¹ near Lebanon, Smith County, Kans., 39°50', 98°35' to—				
Lake of the Woods, Minnesota.....	North.....	49°23'	95°09'	680
West Quoddy Head, Maine.....	Northeast.....	44°49'	66°57'	1,640
Cape Sable, Florida.....	Southeast.....	25°07'	81°05'	1,434
Cape Alava, Washington.....	Northwest.....	43°10'	124°44'	1,412
From geographic center of United States (excl. Hawaii) ² near Castle Rock, Butte County, S. Dak., 44°50', 103°38' to—				Miles
Point Barrow, Alaska.....	Northwest.....	71°23'	156°29'	2,502
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,779
Cape Sable, Florida.....	Southeast.....	25°07'	81°05'	1,860
Cape Wrangell, Attu Island, Alaska.....	Northwest.....	52°55'	172°27' (E)	3,623
From geographic center of the United States (incl. Alaska and Hawaii) ³ west of Castle Rock, S. Dak., 44°58', 103°46' to—				
Point Barrow, Alaska.....	Northwest.....	71°23'	156°29'	2,502
West Quoddy Head, Maine.....	East.....	44°49'	66°57'	1,785
Ka Lee (South Cape), Hawaii Island, Hawaii.....	Southwest.....	18°55'	155°41'	3,456
Kure Island, Hawaii.....	Southwest.....	28°25'	178°22'	4,136

¹ Excludes adjacent islands.

² Excludes the adjacent islands to the United States (conterminous area).

³ Excludes islands adjacent to the United States (conterminous area) but includes all islands of the Aleutian chain and Hawaii.

Note.—The following distances are computed to mean sea level: (a) from West Quoddy Head west along the parallel to the Pacific Ocean the distance is 2,807 miles; (b) from the south point of Texas due north to the 49th parallel the distance is 1,598 miles; (c) the two points farthest apart are Kure Island, Hawaii, and Mangrove Point, Florida, a distance of 5,848 miles; (d) length of the northern boundary, excluding Alaska, is 3,987 miles; (e) length of the Mexican boundary from the Gulf of Mexico to the Pacific Ocean is approximately 2,013 miles. The Lake of the Woods projection extends to latitude 49°23' at longitude 95°09'. The extreme south point of Texas is in latitude 26°50', longitude 97°24'.

Source: Department of the Interior, Geological Survey; *Boundaries, Areas, Geographic Centers, and Altitudes of the United States and the Several States* (bulletin 817), and records.

No. 208. WATER AREA, OTHER THAN INLAND WATER, BY PRIMARY BODIES OF WATER, BY STATES

[In square miles. Includes only that portion of body of water under the jurisdiction of the U.S., excluding Alaska and Hawaii. Excludes inland waters (see footnote 2, table 206)]

BODY OF WATER	State	Area	BODY OF WATER	State	Area
Total.....		74,364	Gulf of Mexico coastal water.....		
Atlantic coastal water.....		2,298	Alabama.....		3,837
Florida.....		37	Florida.....		560
Georgia.....		48	Louisiana.....		1,698
Maine.....		1,102	Mississippi.....		1,016
Massachusetts.....		959	Texas.....		556
Rhode Island.....		14	Illinois.....		7
South Carolina.....		138	Indiana.....		22,178
Chesapeake Bay.....		3,237	Michigan.....		1,526
Maryland.....		1,726	Wisconsin.....		228
Virginia.....		1,511	New York Harbor.....		13,037
Delaware Bay.....		665	New Jersey.....		7,387
Delaware.....		350	New York.....		92
New Jersey.....		315	New York.....		69
Lake Erie.....		5,002	Pacific coastal water.....		23
Michigan.....		216	California.....		3,033
New York.....		594	Oregon.....		343
Ohio.....		3,457	Washington.....		69
Pennsylvania.....		735	Puget Sound.....		48
Straits of Georgia and Juan de Fuca.....		1,610	Lake St. Clair.....		226
Lake Huron.....		8,975	Lake Superior.....		561
Long Island Sound.....		1,299	Michigan.....		116
Connecticut.....		573	Michigan.....		21,118
New York.....		726	Minnesota.....		16,231
			Wisconsin.....		2,212
					2,675

Source: Department of Commerce, Bureau of the Census; *Areas of the United States: 1940*.

No. 209. LENGTHS OF PRINCIPAL RIVERS

[Comprises rivers 400 miles or more in length. Length represents distance to designated outflow from (a) original headwater of named river where name applies to entire length of channel, or (b) upper limit of channel so-named, usually the junction of 2 tributaries or headwater streams]

RIVER	Outflow	Length (miles)	RIVER	Outflow	Length (miles)
Apalachicola-Chattahoochee	Gulf of Mexico	500	North Canadian	Canadian River	700
Arkansas	Mississippi River	1,450	North Platte	Platte River	618
Brazos	Gulf of Mexico	870	Ohio	Mississippi River	981
Canadian	Arkansas River	906	Ohio-Allegheny	Mississippi River	1,306
Cimarron	Arkansas River	600	Osage	Missouri River	500
Clark Fork-Pend Oreille	Columbia River	505	Oachita	Red River	605
Colorado (U.S.-Mex.)	Gulf of California	1,450	Pearl	Gulf of Mexico	490
Colorado (Texas)	Matagorda Bay	840	Pecos	Rio Grande	735
Columbia	Pacific Ocean	1,214	Pee Dee-Yadkin	Winyah Bay	435
Columbia, Upper	To mouth of Snake River	890	Porcupine	Yukon River	450
Connecticut	Long Island Sound	407	Red (Okla.-Tex.-La.)	Mississippi River	1,018
Cumberland	Ohio River	687	Red River of the North	Lake Winnipeg	545
Gila	Colorado River	630	Republican	Kansas River	445
Green (Utah-Wyo.)	Colorado River	780	Rio Grande	Gulf of Mexico	1,885
James (N. Dak.-S. Dak.)	Missouri River	710	St. Francis	Mississippi River	425
Koyukuk	Yukon River	500	Salmon (Idaho)	Snake River	420
Kuskokwim	Kuskokwim Bay	550	Santee-Wateree-Catawba	Atlantic Ocean	538
Little Missouri	Missouri River	560	Smoky Hill	Kansas River	540
Milk	Missouri River	625	Snake	Columbia River	1,038
Mississippi	Mouth of SW Pass	2,348	South Platte	Platte River	424
Mississippi, Upper	To mouth of Missouri River	1,171	Susquehanna	Chesapeake Bay	444
Mississippi-Missouri-Red Rock	Mouth of SW Pass	3,860	Tanana	Yukon River	800
Missouri	Mississippi River	2,466	Tennessee	Ohio River	682
Missouri-Red Rock	Mississippi River	2,683	Tennessee-French Broad	Ohio River	802
Mobile-Alabama-Coosa	Mobile Bay	639	Tombigbee	Mobile River	400
Neosho	Arkansas River	460	Wabash	Ohio River	476
Niobrara	Missouri River	431	Washita	Red River	500
			White (Ark.-Mo.)	Mississippi River	600
			Wisconsin	Mississippi River	430
			Yellowstone	Missouri River	671
			Yukon	Bering Sea	1,800

Source: Department of the Interior, Geological Survey.

No. 210. AREAS OF SELECTED NATURAL LAKES

[In square miles. Comprises those with surface areas of 100 square miles or more]

LAKE	State	Area	LAKE	State	Area
Bear	Idaho and Utah	122	Pend Oreille	Idaho	123
Becharof	Alaska	454	Pontchartrain ¹	Louisiana	625
Calestien ¹	Louisiana	117	Rainy	Minnesota and Canada	345
Champlain	New York, Vermont, and Canada	490	Red Lake (Upper and Lower)	Minnesota	440
Flathead	Montana	188	St. Clair	Michigan and Canada	460
Great Salt ¹	Utah	2,100	Saltov Sea ¹	California	2,350
Illiamna	Alaska	1,033	Tahoe	California and Nevada	193
Lake of the Woods	Minnesota and Canada	1,485	Teshekpuk	Alaska	310
Leech	Minnesota	222	Ugashik	Alaska	148
Mille Lacs	Minnesota	208	Utah	Utah	145
Moosehead	Maine	117	Winnebago	Wisconsin	215
Naknek	Alaska	221	Yellowstone	Wyoming	140
Okeechobee	Florida	700			

¹ Salty. ² Variable.

Source: Department of the Interior, Geological Survey.

No. 211. EXTREME AND MEAN ALTITUDES IN THE UNITED STATES, BY STATES AND FOR OTHER AREAS

[In feet]

STATE OR OTHER AREA	HIGHEST POINT		LOWEST POINT		Approximate mean altitude
	Name	Altitude	Name	Altitude	
United States	Mount McKinley	20,320	Death Valley	-282	2,500
Alabama	Cheaha Mountain	2,407	Gulf of Mexico	(¹)	500
Alaska	Mount McKinley	20,320	Pacific Ocean	(¹)	1,900
Arizona	Humphreys Peak	12,670	Colorado River	100	4,100
Arkansas	Magazine Mountain	2,823	Ouachita River	55	650
California	Mount Whitney	14,495	Death Valley	-282	2,900
Colorado	Mount Elbert	14,431	Arkansas River	3,350	6,800
Connecticut	Mt. Frissell, on South slope	2,330	Long Island Sound	(¹)	500
Delaware	Ebright Road	410	Atlantic Ocean	(¹)	60
Dist. of Col.	Tenleytown		Potomac River	(¹)	150
Florida	Sec. 30, TGN, R20W, Walton County	345	Atlantic Ocean	(¹)	100
Georgia	Brasstown Bald	4,784	Atlantic Ocean	(¹)	600
Hawaii	Mauna Kea	13,796	Pacific Ocean	(¹)	1,900
Idaho	Borah Peak	12,062	Snake River	720	5,000
Illinois	Charles Mound	1,241	Mississippi River	279	600
Indiana	Franklin Twp., Randolph County		Ohio River	320	700
Iowa	T100N, R44W, Osceola Co.	1,253	Mississippi River	480	
Kansas	In T15S, R43W, Wallace Co.	1,675	Verdigris River	700	
Kentucky	Black Mountain	4,135	Mississippi River	257	
Louisiana	Driskill Mountain	4,145	New Orleans	-5	100
Maine	Mount Katahdin	5,268	Atlantic Ocean	(¹)	600
Maryland	Backbone Mountain, near Kempston, W. Va.	3,360	Atlantic Ocean	(¹)	350
Massachusetts	Mount Greylock	3,491	Atlantic Ocean	(¹)	500
Michigan	Sec. 2, T50N, R31W, Baraga County	1,980	Lake Erie	572	900
Minnesota	Misquah Hills	2,230	Lake Superior	602	1,200
Mississippi	Woodall Mountain, near Inka		Gulf of Mexico	(¹)	300
Missouri	Taum Sauk Mountain	806	St. Francis River	230	800
Montana	Granite Peak	1,772	Kootenai River	1,800	3,400
Nebraska	Johnson Twp., Kimball Co.	12,799	Southeast corner of State	840	2,600
Nevada	White Mountains, Boundary Peak	5,424	Colorado River	470	5,500
New Hampshire	Mount Washington	13,145	Atlantic Ocean	(¹)	1,000
New Jersey	High Point	6,288	Atlantic Ocean	(¹)	250
New Mexico	Wheeler Peak	1,803	Red Bluff Res.	2,817	5,700
New York	Mount Marcy	13,160	Atlantic Ocean	(¹)	1,000
North Carolina	Mount Mitchell	5,344	Red River	750	1,900
North Dakota	White Butte	6,684	Ohio River	433	850
Ohio	Campbell Hill	3,530	Red River	300	1,300
Oklahoma	Black Mesa	1,550	Pacific Ocean	(¹)	3,300
Oregon	Mount Hood	4,978	Delaware River	(¹)	500
Pennsylvania	Negro Mountains (Mount Davis)	11,245	Atlantic Ocean	(¹)	200
Rhode Island	Jerimoth Hill	3,213	Atlantic Ocean	(¹)	350
South Carolina	Sassafras Mountain	812	Atlantic Ocean	(¹)	2,200
South Dakota	Harney Peak	3,560	Big Stone Lake	962	
Tennessee	Clingmans Dome	6,642	Mississippi River	182	900
Texas	Guadalupe Peak	8,751	Gulf of Mexico	(¹)	1,700
Utah	Kings Peak	13,498	Beaverdam Creek	2,000	6,100
Vermont	Mount Mansfield	4,393	Lake Champlain	95	1,000
Virginia	Mount Rogers	5,720	Atlantic Ocean	(¹)	950
Washington	Mount Rainier	14,410	Pacific Ocean	(¹)	1,700
West Virginia	Spruce Knob	4,860	Potomac River	240	1,800
Wisconsin	Rib Mountain	1,941	Lake Michigan	581	1,050
Wyoming	Gannett Peak	13,785	Belle Fourche River	3,100	6,700
Canal Zone	Cerro Galera	1,205	Atlantic Ocean	(¹)	100
Guam	Mount Lamlam	1,334	Pacific Ocean	(¹)	650
Puerto Rico	Cerro de Punta	4,389	Atlantic Ocean	(¹)	2,200
Samoa	Lata	3,056	Pacific Ocean	(¹)	1,500
Virgin Islands	Crown Mountain	1,556	Atlantic Ocean	(¹)	750

¹ Sea level.

No. 212. ALTITUDES OF NAMED MOUNTAIN PEAKS

[In feet. Comprises peaks 14,000 feet or over, above sea level]

SUMMIT	State	Rank	Altitude	SUMMIT	State	Rank	Altitude
Alverstone	Alaska	14	14,500	Massive	Colo.	17	14,418
Antero	Colo.	27	14,269	McKinley	Alaska	1	20,320
Augusta	Alaska	62	14,070	Middle Palisade	Calif.	72	14,040
Barnard	Calif.	84	14,003	Missouri Mountain	Colo.	64	14,067
Bear	Alaska	11	14,850	Muir	Calif.	76	14,025
Belford	Colo.	39	14,197	North Maroon Peak	Colo.	87	14,000
Bierstadt	Colo.	69	14,046	North Palisade	Calif.	35	14,242
Blackburn	Alaska	5	16,523	North Peak	Alaska	2	19,370
Blance Peak	Colo.	22	14,317	Oxford	Colo.	49	14,153
Bona	Alaska	6	16,421	Pikes Peak	Colo.	56	14,110
Bross	Colo.	43	14,169	Point Success	Wash.	50	14,150
Brown Tower	Alaska	13	14,530	Pyramid (Pitkin County)	Colo.	38	14,197
Cameron (Pk.)	Colo.	36	14,238	Quandary	Colo.	85	14,000
Capitol	Colo.	53	14,137	Ranier	Wash.	32	14,252
Castle (Gunnison-Pitkin Counties)	Colo.	30	14,259	Red Cloud	Colo.	19	14,410
Columbia	Colo.	61	14,078	Russell	Colo.	67	14,050
Crestone	Colo.	24	14,291	St. Elias	Alaska	42	14,190
Crestone Needle (Custer-Saguache Counties)	Colo.	41	14,191	Sanford	Alaska	3	18,008
Culebra	Colo.	63	14,069	San Luis	Colo.	7	16,203
Democrat	Colo.	52	14,142	Shasta	Calif.	81	14,014
Elbert	Colo.	16	14,431	Shavano	Colo.	45	14,162
El Diente	Colo.	46	14,159	Sherman	Colo.	37	14,220
Eolus (Acolus)	Colo.	59	14,086	Sill, Mount	Colo.	74	14,037
Evans (Clear Creek County)	Colo.	29	14,200	Sneffels	Calif.	44	14,102
Fairweather	Alaska	9	15,300	Snowmass	Colo.	51	14,150
Foraker	Alaska	4	17,395	Split	Colo.	60	14,077
Grays	Colo.	26	14,274	Stewart	Calif.	66	14,058
Grizzly	Colo.	86	14,000	Sunlight	Colo.	75	14,032
Handies	Colo.	68	14,049	Sunshine (Pk.)	Colo.	65	14,000
Harvard	Colo.	18	14,420	Tabeguache	Colo.	78	14,018
Hubbard	Alaska	10	14,950	Torreyes	Calif.	48	14,155
Humboldt	Colo.	70	14,044	Tyndall	Colo.	28	14,284
Hunter	Alaska	12	14,580	Uncompahgre	Colo.	77	14,025
Huron	Colo.	83	14,005	Vancouver	Alaska	23	14,301
Kit Carson	Colo.	57	14,100	Wetterhorn (Pk.)	Colo.	79	15,700
Langley	Calif.	71	14,042	White	Colo.	34	14,017
La Plata	Colo.	21	14,340	Whitney	Calif.	15	14,246
Liberty Cap	Wash.	55	14,112	Williamson	Calif.	20	14,495
Lincoln	Colo.	25	14,284	Wilson Mountain	Colo.	33	14,384
Lindsey	Colo.	54	14,125	Wilson (Pk.) (San Miguel County)	Colo.	80	14,017
Little Bear Peak	Colo.	73	14,040	Windom	Colo.	58	14,001
Longs	Colo.	31	14,265	Wrangell	Alaska	82	14,606
Maroon Peak	Colo.	47	14,158	Yale	Colo.	40	14,196

Source: Department of the Interior, Geological Survey.

No. 213. TORNADOES, FLOODS, AND TROPICAL STORMS: 1926 TO 1958

[Excludes Alaska and Hawaii]

PERIOD OR YEAR	TORNADOES			FLOODS		NORTH ATLANTIC TROPICAL STORMS AND HURRICANES ¹		
	Number	Lives lost		Number with property loss of \$1,000,000 and over	Lives lost	Property loss (mil. dol.)	Number reaching U.S. coast	Lives lost in U.S.
		Total	Most in a single tornado during period					
1926-30	866	1,229	92	15	557	500	11	8
1931-35	830	909	37	7	368	187	21	12
1936-40	787	916	216	12	607	879	21	8
1941-45	727	980	100	22	346	605	20	11
1946-50	902	813	169	22	306	843	22	12
1951-55	2,087	940	116	39	502	2,507	18	9
1951	272	34	6	7	51	1,029	1	0
1952	236	230	57	10	54	254	2	1
1953	437	516	116	15	40	122	6	2
1954	549	35	6	3	55	107	3	3
1955	593	125	80	4	302	995	5	3
1956	532	83	25	13	42	65	2	1
1957	864	191	44	19	82	360	5	1
1958	565	66	19	4	(?)	(?)	1	0

¹ Tropical storms have maximum winds of 39 to 73 miles per hour; hurricanes have maximum winds of 74 miles per hour or higher.² Not available.Source: Department of Commerce, Weather Bureau; *Climatological Data*, annual national summary issues.

PUBLIC WATER SUPPLIES

165

No. 214. ESTIMATED WATER USE: 1900 TO 1980

[In billions of gallons daily average. In preparing these projections, it was estimated that the population residing in the United States (conterminous area) would grow from 176.2 million in 1959 to 230.8 million in 1980, and that the index of industrial production would rise from approximately 152 to 330 in the same period. See also *Historical Statistics, Colonial Times to 1957*, series J 91-102.]

YEAR	TOTAL WATER USE		IRRIGATION ¹		PUBLIC WATER UTILITIES		SELF-SUPPLIED USES						
			Total	Ground	Total	Ground	Total	Ground	Rural domestic ²	Industrial and miscellaneous ³	Steam electric utilities	Total	Ground
	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Ground	Total	Total	Ground
1900	40.19	7.28	20.19	2.22	3.00	1.05	2.00	1.60	10.00	2.40	5.00	0.01	
1910	66.44	11.68	39.04	5.27	4.70	1.49	2.20	1.76	14.00	3.15	6.50	0.01	
1920	91.54	15.78	55.94	8.17	6.00	1.79	2.40	1.94	18.00	3.87	9.20	0.01	
1930	110.50	18.18	60.20	9.09	8.00	2.30	2.90	2.40	21.00	4.37	18.40	0.02	
1940	136.43	22.56	71.03	11.22	10.10	2.82	3.10	2.64	23.00	5.86	23.20	0.02	
1945	170.46	28.33	83.06	14.12	12.00	3.28	3.20	2.78	41.00	8.12	31.20	0.03	
1950	202.70	35.19	100.00	19.80	14.10	3.78	4.60	4.09	38.10	7.47	45.90	0.05	
1955	263.80	47.79	116.30	29.08	16.30	4.27	5.40	4.91	49.20	9.45	76.60	0.08	
1960	322.90	58.17	135.00	35.24	22.00	5.68	6.00	5.58	61.20	11.57	98.70	0.10	
1965	371.70	66.30	148.10	40.14	25.00	6.28	6.50	6.14	73.20	13.62	118.90	0.12	
1970	411.20	73.27	150.00	44.20	27.00	6.64	6.00	6.56	86.00	15.74	132.30	0.13	
1975	449.70	79.37	169.70	47.52	29.80	7.15	7.20	6.85	98.40	17.71	144.60	0.14	
1980	494.10	84.94	178.00	50.02	32.00	7.36	7.40	7.04	115.00	20.36	161.70	0.16	

¹ Total take, including delivery losses but not including reservoir evaporation.

² Domestic farm and nonfarm household and garden use, and water for farm stock and dairies.

³ Manufacturing industries, mineral industries, rural commercial, air conditioning, resorts, hotels, motels, military and other State and Federal, and other miscellaneous uses.

Source: Department of Commerce, Business and Defense Services Administration.

No. 215. INVENTORY OF PUBLIC WATER SUPPLIES FOR COMMUNITY WATER SYSTEMS: 1957

[Includes only systems serving a population of 25,000 or more. Estimated number of public water systems in the United States (conterminous area) is 17,900 systems serving a population of approximately 119 million. An estimated 16 percent of water used by manufacturing industries is supplied by public water systems]

ITEM	Total	COMMUNITIES HAVING A POPULATION SERVED OF—				
		500,000 or more	250,000 to 500,000	100,000 to 250,000	50,000 to 100,000	25,000 to 50,000 ¹
Communities and districts—number	604	41	32	114	186	231
1950 Census population—1,000	65,285	32,542	5,532	11,266	9,121	6,824
Estimated population served—do	89,282	46,608	9,645	15,503	10,567	6,959
Ownership of public water supply—number	576	41	32	111	182	210
Municipal or district—public—do	469	35	21	92	150	171
Private—do	107	6	11	19	32	39
Average output of water ² —mill. gal. daily	12,732	6,063	1,194	2,154	1,426	995
Water used, maximum month ² —mill. gal.	543,812	292,737	51,777	98,628	59,353	41,315
Water used, maximum day ² —mill. gal. daily	21,047	11,111	2,072	3,761	2,394	1,709
Impounded storage—mill. gal.	5,807,314	2,340,384	541,316	1,240,670	256,215	1,422,729
Transmission capacity, maximum						
mill. gal. daily	28,639	17,941	3,206	3,504	2,684	1,804
Dependable yield, ground water—do	5,603	848	524	1,776	1,278	1,177
Raw water storage—mill. gal.	160,373	105,032	50,864	1,386	1,035	2,056
Raw water pumping capacity—mill. gal. daily	20,402	10,257	1,885	4,006	2,331	1,923
Treatment plant:						
Rated capacity—do	20,340	9,925	2,351	3,877	2,212	1,975
Overload capacity ² —do	25,036	12,607	2,866	4,618	2,688	2,355
Service pumping capacity—mill. gal. daily	26,152	12,160	2,541	5,338	3,694	2,419
Distribution storage:						
Pumped to mains—mill. gal.	4,563	1,688	382	1,090	614	780
Elevated—do	62,759	55,851	1,000	3,354	1,902	652
Number of services ² —1,000	17,613	7,880	1,857	3,594	2,789	1,993
Number of meters ² —do	15,363	5,679	1,811	3,520	2,523	1,830

¹ Includes systems serving over 25,000 population although Census population was less than 25,000.

² Approximately 2 to 4 percent estimated.

Source: Department of Commerce, Business and Defense Services Administration.

No. 216. GROUND ELEVATION OF WEATHER STATIONS AND MEAN AND LATEST DATE IN SPRING, AND MEAN AND EARLIEST DATE IN FALL, OF OCCURRENCE OF FREEZE (32°), FOR SELECTED CITIES

[Date of freeze based on standard 30-year period (1921 to 1950)]

STATION	Ground elevation (feet)	OCCURRENCE OF FREEZE				
		Spring date		Fall date		
		Mean	Latest	Mean	Earliest	
Alabama.....	Mobile.....	10	Feb. 20	Mar. 20	Dec. 5	Nov. 15
Alaska.....	Juneau.....	15	Apr. 27	June 8	Oct. 19	Sept. 22
Arizona.....	Phoenix.....	1,083	Jan. 30	Mar. 2	Dec. 5	Nov. 4
Arkansas.....	Little Rock.....	257	Mar. 16	Apr. 13	Nov. 15	Oct. 23
California.....	Los Angeles.....	312	Jan. 17	Jan. 21	None	
	Sacramento.....	25	Jan. 28	Mar. 14	Dec. 5	Nov. 4
	San Francisco.....	52	Jan. 17	Jan. 21	Dec. 12	Dec. 11
Colorado.....	Denver.....	5,221	May 2	May 28	Oct. 14	Sept. 18
Connecticut.....	Hartford.....	169	Apr. 22	May 10	Oct. 19	Sept. 27
Delaware.....	Wilmington.....	73	Apr. 18	May 9	Oct. 26	Sept. 27
Dist. of Col.....	Washington.....	72	Apr. 10	May 12	Oct. 28	Oct. 2
Florida.....	Jacksonville.....	18	Feb. 15	May 14	Nov. 30	Nov. 9
	Miami.....	8				
Georgia.....	Atlanta.....	1,054	Mar. 20	Apr. 15	Nov. 19	Oct. 24
Hawaii.....	Honolulu.....	12				
Idaho.....	Boise.....	2,842	Apr. 23	May 23	Oct. 16	Sept. 20
Illinois.....	Chicago.....	610	Apr. 19	May 13	Oct. 23	Sept. 25
	Peoria.....	654	Apr. 22	May 25	Oct. 16	Sept. 29
Indiana.....	Indianapolis.....	718	Apr. 17	May 11	Oct. 27	Oct. 1
Iowa.....	Des Moines.....	807	Apr. 20	May 11	Oct. 19	Sept. 28
Kansas.....	Wichita.....	1,321	Apr. 5	Apr. 21	Nov. 1	Sept. 27
Kentucky.....	Louisville.....	457	Apr. 1	Apr. 19	Nov. 7	Oct. 15
Louisiana.....	New Orleans.....	9	Feb. 15	Mar. 20	Dec. 3	Nov. 18
Maine.....	Portland.....	61	Apr. 20	May 30	Oct. 15	Sept. 17
Maryland.....	Baltimore.....	146	Mar. 25	Apr. 16	Nov. 17	Oct. 20
Massachusetts.....	Boston.....	15	Apr. 16	May 19	Oct. 25	Sept. 26
Michigan.....	Detroit.....	610	Apr. 25	May 12	Oct. 23	Sept. 29
	Sault Ste. Marie.....	721	May 18	June 8	Oct. 3	Aug. 22
Minnesota.....	Duluth.....	1,162	May 13	June 1	Oct. 3	Sept. 13
	Minneapolis.....	830	Apr. 30	May 24	Oct. 13	Sept. 18
Mississippi.....	Jackson.....	305	Mar. 10	Apr. 13	Nov. 13	Oct. 17
Missouri.....	Kansas City.....	741	Apr. 5	Apr. 17	Oct. 31	Oct. 6
	St. Louis.....	465	Apr. 2	May 2	Nov. 8	Oct. 14
Montana.....	Great Falls.....	3,664	May 14	June 8	Sept. 26	Sept. 7
Nebraska.....	Omaha.....	978	Apr. 14		Oct. 19	
Nevada.....	Reno.....	4,397	May 14	June 25	Oct. 2	Aug. 30
New Hampshire.....	Concord.....	339	May 11	May 26	Sept. 30	Sept. 13
New Jersey.....	Atlantic City.....	8	Apr. 10		Nov. 5	
New Mexico.....	Albuquerque.....	5,310	Apr. 16	May 18	Oct. 29	Oct. 11
New York.....	Albany.....	19	Apr. 27	May 20	Oct. 13	Sept. 23
	Buffalo.....	668	Apr. 30	May 24	Oct. 25	Sept. 23
	New York.....	10	Apr. 7	Apr. 24	Nov. 12	Oct. 19
North Carolina.....	Charlotte.....	727	Mar. 21	Apr. 16	Nov. 15	Oct. 15
	Raleigh.....	400	Mar. 24	Apr. 20	Nov. 16	Oct. 29
North Dakota.....	Bismarck.....	1,650	May 11	May 30	Sept. 24	Sept. 6
Ohio.....	Cincinnati.....	761	Apr. 15	May 25	Oct. 25	Sept. 28
	Cleveland.....	787	Apr. 21	May 14	Nov. 2	Sept. 29
	Columbus.....	815	Apr. 17	May 9	Oct. 30	Oct. 7
Oklahoma.....	Oklahoma City.....	1,254	Mar. 28	Apr. 17	Nov. 7	Oct. 23
Oregon.....	Portland.....	30	Feb. 28	May 4	Nov. 26	Oct. 30
Pennsylvania.....	Philadelphia.....	26	Mar. 30	Apr. 20	Nov. 17	Oct. 19
	Pittsburgh.....	749	Apr. 16	May 4	Nov. 3	Oct. 19
Rhode Island.....	Providence.....	55	Apr. 13	Apr. 24	Oct. 27	Oct. 3
South Carolina.....	Columbia.....	217	Mar. 14	Apr. 13	Nov. 21	Nov. 1
South Dakota.....	Sioux Falls.....	1,420	May 5	May 29	Oct. 3	Sept. 12
Tennessee.....	Memphis.....	263	Mar. 20	Apr. 15	Nov. 12	Oct. 17
	Nashville.....	577	Mar. 28	Apr. 19	Nov. 7	Oct. 17
Texas.....	Dallas.....	487				
	El Paso.....	3,920				
	Houston.....	41	Feb. 5	Mar. 26	Dec. 11	Oct. 25
Utah.....	Salt Lake City.....	4,260	Apr. 12	Apr. 30	Nov. 1	Sept. 25
Vermont.....	Burlington.....	331	May 8	May 23	Oct. 3	Sept. 13
Virginia.....	Norfolk.....	26	Mar. 18	Apr. 14	Nov. 27	Nov. 7
	Richmond.....	162	Apr. 2	Apr. 20	Nov. 8	Oct. 21
Washington.....	Seattle.....	14	Feb. 23	Apr. 3	Nov. 26	Oct. 19
	Spokane.....	2,357	Apr. 20	May 16	Oct. 12	Sept. 18
West Virginia.....	Charleston.....	950	Apr. 18	May 11	Oct. 28	Sept. 20
Wisconsin.....	Milwaukee.....	672	Apr. 20	May 9	Oct. 25	Sept. 24
Wyoming.....	Cheyenne.....	6,131	May 20	June 18	Sept. 27	Sept. 5
Puerto Rico.....	San Juan.....	47				

Source: Department of Commerce, Weather Bureau; records.

TEMPERATURES

167

No. 217. NORMAL MONTHLY AVERAGE TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950). See also *Historical Statistics, Colonial Times to 1957*, series J 109-135 and J 163-265, for related data]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.--- Mobile	53.1	55.5	60.1	67.4	74.3	80.5	81.9	82.0	78.7	69.9	69.4	54.1	68.1
Alaska--- Juneau	29.5	29.9	34.4	40.4	47.8	54.5	56.0	55.9	50.8	44.0	36.2	30.6	42.5
Ariz.--- Phoenix	51.3	55.7	60.9	68.2	76.6	85.0	90.5	88.9	83.6	72.1	60.1	53.4	70.5
Ark.--- Little Rock	41.8	45.6	52.8	62.5	69.8	78.5	81.9	81.3	74.8	64.1	51.5	43.9	62.4
Calif.--- Los Angeles	55.0	56.4	58.9	61.5	64.8	67.8	72.5	72.9	71.0	66.6	62.1	57.3	63.9
Calif.--- Sacramento	45.2	50.6	54.9	59.2	65.0	71.2	75.3	74.0	71.3	63.8	54.3	46.7	60.9
Calif.--- San Francisco	50.1	53.0	54.9	55.7	57.1	59.1	59.3	59.3	61.6	61.0	57.2	51.9	56.7
Colo.--- Denver	31.4	34.5	39.3	48.6	57.3	67.3	73.7	72.4	68.7	53.0	41.3	34.1	51.4
Conn.--- Hartford	27.0	27.5	36.9	47.4	58.9	67.7	72.7	70.4	68.1	52.6	41.7	30.1	49.7
Del.--- Wilmington	33.3	33.7	42.5	51.8	62.8	71.8	75.9	73.8	68.0	56.2	45.5	35.1	54.2
D.C.--- Washington	36.5	37.5	45.7	54.7	65.2	73.9	77.8	75.8	69.9	58.4	48.0	38.2	56.8
Fla.--- Jacksonville	57.3	58.7	63.4	69.1	75.2	80.2	81.7	81.5	79.1	71.3	62.7	57.7	69.8
Fla.--- Miami	68.5	68.7	70.8	74.1	77.1	80.3	81.6	82.1	81.0	77.6	72.3	69.5	75.3
Ga.--- Atlanta	44.6	46.6	53.1	61.5	69.5	76.9	78.7	78.1	73.9	63.5	62.1	45.3	62.0
Hawaii--- Honolulu	72.0	72.0	72.2	73.3	75.1	76.9	77.9	78.5	78.3	77.5	75.2	72.8	75.2
Idaho--- Boise	27.3	34.0	41.8	49.9	55.1	65.1	74.8	72.5	62.4	52.6	39.6	31.0	50.8
Ill.--- Chicago	24.9	27.4	37.0	48.1	59.2	68.4	74.6	72.7	65.6	54.1	39.5	28.0	50.1
Ill.--- Peoria	25.0	28.3	38.3	50.5	61.0	70.9	75.7	73.7	66.3	54.7	39.7	28.6	51.0
Ind.--- Indianapolis	31.1	33.1	41.9	52.7	63.5	73.5	78.0	75.9	69.2	58.2	43.6	33.2	54.5
Iowa--- Des Moines	22.8	26.7	37.6	51.0	62.0	71.5	77.1	74.5	66.5	55.0	39.1	27.0	50.9
Kans.--- Wichita	32.0	37.2	45.3	56.2	64.9	76.0	80.9	79.9	71.7	60.2	45.1	35.5	57.0
Ky.--- Louisville	35.6	37.8	46.1	56.5	65.9	74.9	78.6	76.9	71.1	58.8	46.7	37.6	57.3
La.--- New Orleans	55.9	58.5	63.0	69.8	76.1	81.9	83.1	83.4	80.3	72.8	62.5	51.1	70.4
Maine--- Portland	20.7	21.5	31.5	41.9	52.3	61.8	67.8	66.4	58.6	48.4	37.5	25.1	44.5
Md.--- Baltimore	36.6	37.3	45.3	54.3	65.3	74.3	78.5	76.4	70.4	59.3	48.7	38.8	57.1
Mass.--- Boston	29.1	29.2	37.6	47.2	57.8	67.2	72.2	71.5	64.3	55.0	44.4	32.8	50.7
Mich.--- Detroit	26.2	26.7	35.1	46.4	57.8	68.1	73.1	71.3	64.3	52.9	40.1	29.9	49.3
Minn.--- Sault Ste. Marie	13.8	13.5	23.0	36.8	48.9	58.1	63.9	62.9	55.2	44.4	31.5	19.9	39.3
Minn.--- Duluth	10.3	13.3	24.6	38.3	49.3	58.7	65.8	64.8	56.1	45.2	28.6	15.0	39.2
Minn.--- Minneapolis	14.6	18.2	30.9	46.0	58.5	68.2	74.1	71.5	62.2	50.4	33.0	19.4	45.6
Miss.--- Jackson	48.3	51.0	56.8	64.9	72.3	79.9	82.1	81.4	76.7	66.4	55.2	49.0	65.4
Mo.--- Kansas City	30.0	34.6	43.8	55.8	65.5	75.4	80.9	79.0	70.6	59.6	44.3	33.7	56.1
Mo.--- St. Louis	33.3	36.7	45.3	56.5	66.2	75.8	80.6	78.6	71.4	60.6	46.0	36.2	57.3
Mont.--- Great Falls	22.7	24.6	32.5	44.3	53.8	60.7	69.6	67.1	56.9	48.1	35.2	26.5	45.1
Nebr.--- Omaha	23.0	27.2	38.2	52.2	62.7	72.6	78.5	75.7	67.0	55.5	38.9	27.4	51.6
Nev.--- Reno	31.2	36.3	40.6	47.7	55.3	61.5	69.6	67.4	60.5	50.7	40.2	33.2	49.5
N.H.--- Concord	20.1	21.2	31.8	43.0	54.8	64.1	69.0	66.5	58.8	48.0	36.7	24.0	44.8
N.J.--- Atlantic City	35.8	35.4	41.5	49.4	50.1	63.7	73.6	73.1	68.3	58.0	48.1	38.2	54.1
N. Mex.--- Albuquerque	33.7	39.5	46.0	55.5	65.3	74.9	79.0	76.0	69.9	58.2	44.0	36.0	56.6
N.Y.--- Albany	25.2	25.6	35.8	47.3	50.4	68.7	73.1	71.3	63.8	52.5	41.4	20.1	49.4
N.Y.--- Buffalo	25.5	24.7	33.0	43.8	55.4	65.5	70.6	68.9	62.4	51.2	39.9	29.0	47.5
N.Y.--- New York	32.9	32.7	40.7	49.8	60.8	69.8	74.6	73.2	67.3	57.0	46.3	35.7	53.4
N.C.--- Charlotte	42.3	44.4	51.0	59.7	68.3	76.6	78.6	77.3	72.6	61.5	50.4	43.0	60.5
N.C.--- Raleigh	42.7	44.4	51.3	59.7	65.6	75.6	79.3	78.0	73.4	62.6	52.1	44.0	61.1
N.Dak.--- Bismarck	9.2	12.7	26.7	43.1	54.8	64.3	72.1	69.3	58.5	45.7	28.4	15.5	41.7
Ohio.--- Cincinnati	33.1	34.8	43.3	53.6	63.6	72.8	76.6	74.8	68.9	57.4	44.6	35.0	54.9
Ohio.--- Cleveland	29.5	30.1	37.7	48.0	59.1	69.3	73.7	72.2	66.3	55.5	43.8	32.9	51.5
Oklahoma--- Oklahoma City	31.1	32.6	41.1	51.4	62.2	72.0	75.8	73.8	67.8	56.1	43.2	33.8	53.4
Oreg.--- Portland	37.8	42.5	50.3	60.0	68.6	78.0	82.5	82.2	74.7	63.8	49.7	40.0	61.0
Pa.--- Philadelphia	30.5	43.8	48.4	53.6	60.1	63.8	68.5	65.4	63.9	56.1	47.2	42.4	54.6
Pa.--- Pittsburgh	34.9	35.1	43.5	52.7	63.7	72.6	77.2	75.2	69.3	58.5	47.8	37.4	55.7
R.I.--- Providence	30.3	30.3	38.9	48.1	59.0	68.1	73.5	71.8	64.8	54.5	44.2	33.2	51.4
S.C.--- Columbia	47.9	49.4	55.9	63.8	71.8	79.2	80.8	79.7	75.9	65.5	54.9	48.1	64.4
S. Dak.--- Sioux Falls	14.2	19.5	32.0	46.4	58.1	68.0	74.8	72.4	62.4	50.0	32.2	19.4	45.8
Tenn.--- Memphis	41.9	44.5	52.4	62.2	70.5	78.7	81.3	80.3	74.8	65.0	52.1	44.4	62.4
Tenn.--- Nashville	30.9	42.3	49.8	59.7	68.2	76.9	80.0	78.7	73.2	61.8	49.3	41.6	60.1
Tex.--- Dallas	45.7	49.8	57.4	66.3	73.7	81.9	85.5	85.8	78.9	68.8	55.8	48.3	66.5
Tex.--- El Paso	43.4	49.1	54.5	63.1	71.6	80.2	81.3	79.8	74.9	65.2	52.0	44.8	63.3
Tex.--- Houston	52.8	57.7	62.6	69.5	75.9	81.8	83.8	84.2	80.0	72.6	61.9	55.8	70.0
Utah--- Salt Lake City	26.5	33.4	41.1	50.1	58.9	67.1	76.6	74.4	64.2	52.9	39.3	31.5	51.3
Vt.--- Burlington	17.9	18.1	29.3	42.3	55.4	65.5	70.4	68.1	59.9	45.2	36.4	22.8	44.5
Va.--- Norfolk	43.1	43.5	50.5	57.9	67.3	76.0	78.7	77.8	73.4	63.0	53.2	44.5	60.7
Va.--- Richmond	30.6	40.9	48.2	56.8	66.5	74.7	77.9	76.3	71.2	60.0	49.8	40.8	58.6
Wash.--- Seattle	40.7	43.5	47.0	51.8	57.3	61.8	65.6	65.2	61.0	54.4	47.0	43.1	53.2
Wash.--- Spokane	24.9	29.7	38.1	46.3	54.7	61.4	69.6	67.9	59.2	48.6	35.7	29.1	47.1
W. Va.--- Charleston	36.4	38.2	44.0	50.5	63.7	72.0	75.4	73.6	68.6	57.4	45.8	38.1	55.8
Wis.--- Milwaukee	23.0	25.1	34.0	44.8	54.8	65.4	72.3	70.9	63.8	52.6	38.5	26.8	47.7
Wyo.--- Cheyenne	25.5	27.7	31.8	41.1	50.1	60.3	68.1	66.8	57.4	46.4	35.1	28.7	44.9
P.R.--- San Juan	74.9	74.0	75.6	76.6	78.7	79.5	80.0	80.5	80.5	80.1	78.4	76.5	78.0

Source: Department of Commerce, Weather Bureau; records.

AREA, GEOGRAPHY, AND CLIMATE

No. 218. NORMAL MONTHLY MAXIMUM TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual avg.
Ala.--- Mobile	61.4	64.1	68.5	75.8	82.5	88.3	89.8	90.1	86.7	79.2	68.6	62.6	70.5
Alaska--- Juneau	33.5	34.1	39.1	46.3	54.8	61.9	61.9	62.2	56.3	48.4	40.2	34.4	47.8
Ariz.--- Phoenix	64.3	68.9	74.9	82.6	91.7	100.1	103.5	101.4	97.3	86.8	75.0	66.4	84.4
Ark.--- Little Rock	51.1	55.4	63.4	73.4	80.5	89.1	92.7	92.4	86.4	76.5	62.4	53.5	73.1
Calif.--- Los Angeles	64.6	65.7	68.5	70.9	74.1	77.2	83.2	83.7	81.6	76.8	73.0	67.1	73.0
Calif.--- Sacramento	52.1	58.7	64.6	70.6	78.1	86.0	92.0	90.4	86.1	76.1	64.5	53.7	72.7
Calif.--- San Francisco	65.4	58.7	61.0	62.0	63.1	65.2	64.4	64.8	65.4	68.0	63.8	57.0	62.7
Colo.--- Denver	42.5	45.6	50.6	60.1	68.6	79.5	85.9	84.3	76.2	65.3	52.9	45.3	63.1
Conn.--- Hartford	35.4	36.2	46.1	57.8	70.0	78.3	83.0	80.8	74.0	63.8	51.0	38.4	59.6
Del.--- Wilmington	41.8	42.8	53.0	63.2	74.6	82.1	86.7	84.6	78.8	67.2	55.3	43.9	64.6
D.C.--- Washington	44.0	45.6	55.0	64.9	75.5	83.7	87.1	85.0	79.1	68.2	56.5	45.6	65.9
Fla.--- Jacksonville	65.9	67.6	72.4	77.7	83.5	88.3	89.6	89.1	86.0	78.8	71.0	66.3	78.0
Fla.--- Miami	74.4	74.9	76.7	79.5	82.8	85.4	86.8	87.2	86.0	82.6	77.7	75.4	80.7
Ga.--- Atlanta	52.5	55.1	62.3	70.8	78.7	85.9	87.3	86.4	82.3	72.2	60.4	53.0	70.6
Hawaii--- Honolulu	76.7	76.7	76.8	77.7	79.5	81.3	82.2	82.8	82.9	82.0	77.7	77.7	79.7
Idaho--- Boise	34.6	42.3	52.2	62.1	71.4	78.9	83.5	88.0	76.8	65.0	48.7	38.1	62.4
Ill.--- Chicago	32.7	35.0	45.0	57.6	69.7	80.0	85.3	83.0	75.9	64.3	47.6	35.3	59.3
Ill.--- Peoria	33.8	36.6	47.6	61.1	72.0	81.9	87.0	84.8	77.5	65.8	48.4	36.4	61.0
Ind.--- Indianapolis	38.7	40.7	50.5	62.3	73.6	83.8	88.3	85.7	79.0	67.7	51.0	39.7	63.4
Iowa--- Des Moines	31.4	35.5	46.5	61.0	72.1	81.0	87.6	84.4	76.9	65.7	47.9	35.1	60.4
Kans.--- Wichita	41.3	47.8	56.4	67.0	75.3	86.0	92.3	91.7	82.8	70.8	55.1	44.6	67.6
Ky.--- Louisville	43.2	45.8	55.2	66.1	75.4	84.1	87.9	86.2	80.7	69.6	54.8	44.9	66.2
La.--- New Orleans	63.5	66.6	71.1	77.7	83.8	89.4	90.8	90.5	87.2	80.1	70.1	64.7	77.9
Maine--- Portland	30.7	31.6	41.0	51.8	62.6	72.6	78.7	77.4	69.7	59.6	47.1	34.5	54.8
Md.--- Baltimore	43.6	46.6	53.7	63.3	74.4	83.1	86.9	84.6	78.6	67.8	56.2	45.4	65.2
Mass.--- Boston	36.5	36.5	45.2	54.9	66.3	75.9	80.0	79.4	72.6	63.1	51.6	39.7	58.5
Mich.--- Detroit	33.1	33.8	43.1	55.9	68.1	78.3	83.5	81.4	74.0	62.2	47.1	35.7	58.0
Mich.--- Sault Ste. Marie	21.9	22.7	31.7	45.7	59.7	69.7	75.4	73.5	64.4	52.4	37.9	26.7	48.5
Minn.--- Duluth	18.7	22.2	32.7	46.8	59.0	68.8	75.8	74.1	64.9	53.5	35.4	22.7	47.0
Minn.--- Minneapolis	23.1	27.0	39.1	55.8	69.0	78.6	84.9	82.1	72.5	60.2	40.7	27.2	55.0
Miss.--- Jackson	58.6	61.5	68.1	76.0	83.7	91.4	93.6	88.1	88.7	79.7	67.2	59.4	76.8
Mo.--- Kansas City	39.0	44.3	54.1	66.0	75.3	85.2	91.2	89.3	81.1	70.2	53.9	42.3	66.0
Mo.--- St. Louis	41.0	44.8	54.2	65.6	75.0	84.6	86.9	87.5	80.4	69.6	53.9	43.5	65.8
Mont.--- Great Falls	30.8	35.0	40.7	55.5	64.8	70.5	83.2	80.9	70.3	59.0	44.1	37.0	56.0
Nebr.--- Omaha	32.4	36.8	48.1	62.9	73.3	82.9	89.3	86.3	78.1	66.8	48.5	36.2	61.8
Nev.--- Reno	45.7	50.9	56.5	65.1	73.2	80.8	91.8	90.1	82.3	70.2	57.1	47.2	67.6
N.H.--- Concord	31.6	32.5	42.9	55.5	68.3	77.9	82.6	80.2	72.4	61.7	47.5	34.3	57.3
N.J.--- Atlantic City	42.4	42.1	48.3	56.1	65.4	75.0	79.3	78.3	74.1	64.8	54.7	44.9	60.5
N.Mex.--- Albuquerque	45.6	52.3	59.6	69.4	78.8	89.9	91.6	89.2	82.2	71.2	56.7	47.4	69.4
N.Y.--- Albany	32.9	33.7	44.2	56.7	69.6	78.7	82.6	81.1	73.4	62.0	48.6	36.1	58.3
N.Y.--- Buffalo	32.4	32.2	40.9	53.1	65.8	76.0	81.1	79.3	72.6	60.4	47.0	35.3	56.3
N.Y.--- New York	39.0	40.1	48.5	57.9	69.0	77.7	82.3	80.4	74.5	64.5	53.0	42.4	60.9
N.C.--- Charlotte	52.2	54.9	62.4	71.4	79.8	87.6	88.8	87.4	83.1	73.1	61.4	53.0	71.3
N.C.--- Raleigh	51.3	53.9	61.9	71.1	79.6	87.1	88.9	87.6	83.2	73.4	62.2	52.8	71.1
N.Dak.--- Bismarck	20.1	23.3	36.7	54.6	67.3	76.3	85.5	83.3	72.0	58.5	38.3	25.5	53.5
Ohio--- Cincinnati	40.9	43.0	52.7	63.9	74.2	83.2	87.2	85.4	79.7	68.2	53.0	42.4	64.5
Ohio--- Cleveland	36.0	36.8	44.8	55.8	66.9	76.9	80.9	78.9	73.7	62.7	50.2	38.4	58.5
Ohio--- Columbus	38.2	40.1	49.8	61.2	72.2	81.8	85.8	83.5	77.6	65.7	50.8	40.1	62.2
Oklahoma--- Oklahoma City	47.2	52.7	61.5	71.6	78.6	88.1	93.2	92.8	85.3	74.5	60.0	50.2	71.3
Oreg.--- Portland	44.2	49.5	55.6	62.2	68.6	73.1	79.2	78.8	73.4	63.5	52.7	46.8	62.3
Pa.--- Philadelphia	41.5	42.2	51.7	61.6	72.8	81.3	85.3	83.0	77.2	66.6	54.7	43.7	63.5
Pa.--- Pittsburgh	49.2	41.4	50.5	61.9	73.0	81.5	85.1	82.6	77.0	65.3	52.1	41.7	62.7
R.I.--- Providence	37.6	37.9	46.6	56.6	68.2	77.4	82.6	80.8	73.8	63.5	52.0	40.4	59.8
S.C.--- Columbia	57.0	59.2	66.1	74.6	82.4	89.3	90.2	89.0	85.3	75.9	64.9	57.2	74.3
S. Dak.--- Sioux Falls	24.4	30.3	42.3	58.6	70.8	80.1	87.9	85.0	75.4	62.9	42.9	29.4	57.5
Tenn.--- Memphis	49.3	51.7	60.7	70.6	79.9	87.0	89.4	88.4	83.1	74.1	60.1	51.7	70.4
Tenn.--- Nashville	48.9	51.6	60.1	70.5	79.1	87.7	90.6	89.4	84.6	73.8	59.2	50.5	70.5
Tex.--- Dallas	55.3	59.5	68.1	76.6	83.5	91.5	95.4	96.1	89.2	79.6	66.3	57.8	76.6
Tex.--- El Paso	55.8	62.2	68.2	76.9	85.4	93.3	93.5	91.6	87.0	78.1	65.5	56.9	76.2
Houston	61.9	65.8	71.1	78.0	84.5	89.9	92.3	92.9	88.6	82.1	71.0	64.2	78.5
Utah--- Salt Lake City	36.6	42.5	52.0	62.4	72.4	82.0	91.7	89.2	79.2	66.5	50.5	40.2	63.8
Vt.--- Burlington	27.6	28.2	35.9	52.9	67.3	77.5	82.4	79.8	71.3	68.6	44.3	31.1	55.0
Va.--- Norfolk	50.7	51.6	60.0	67.2	76.3	85.0	86.7	85.2	80.4	70.5	60.7	51.7	68.8
Wash.--- Richmond	45.4	50.5	58.8	67.9	77.3	84.8	87.3	85.7	80.9	70.7	59.9	49.7	68.5
Wash.--- Seattle	45.2	48.8	53.4	59.4	65.6	70.2	75.1	74.2	68.8	60.5	51.8	47.3	60.0
Wash.--- Spokane	30.2	36.4	45.9	56.0	65.5	72.1	82.4	80.6	70.9	58.3	41.5	33.8	56.1
W. Va.--- Charleston	46.3	48.7	56.6	68.2	77.0	84.5	87.3	85.5	81.4	70.6	56.6	47.5	67.5
Wis.--- Milwaukee	30.0	32.1	40.9	52.3	63.3	74.1	80.1	78.2	71.0	59.9	45.0	33.2	55.0
Wyo.--- Cheyenne	37.1	39.8	43.7	53.5	62.8	74.0	82.6	80.9	71.7	59.8	46.9	40.2	57.8
P.R.--- San Juan	79.6	70.7	80.6	81.5	83.5	84.0	84.2	85.0	85.5	85.3	83.2	81.1	82.8

Source: Department of Commerce, Weather Bureau; records.

TEMPERATURES

169

No. 219. NORMAL MONTHLY MINIMUM TEMPERATURE, FOR SELECTED CITIES

[In Fahrenheit degrees. Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	An- nual avg.
Ala.--- Mobile	44.8	46.8	51.6	58.9	66.0	72.6	74.0	73.9	70.6	60.5	50.2	45.6	59.6
Alaska--- Juneau	25.5	25.7	29.6	34.5	40.7	47.1	50.1	49.5	45.3	39.5	32.1	26.8	37.2
Ariz.--- Phoenix	38.2	42.5	46.0	53.8	61.4	69.8	77.5	76.3	69.9	57.4	45.1	40.4	56.6
Ark.--- Little Rock	32.4	35.7	42.2	51.6	59.0	67.9	71.1	70.2	63.1	51.7	40.5	34.3	51.6
Calif.--- Los Angeles	45.4	47.1	49.3	52.1	55.4	58.4	61.7	62.1	60.3	56.4	51.1	47.5	53.9
Sacramento	38.3	42.4	45.1	47.8	51.8	56.3	58.6	57.6	56.5	51.4	44.0	39.7	49.1
San Francisco	44.8	47.3	48.7	49.4	51.1	52.9	53.4	53.8	54.8	50.6	46.8	40.6	50.6
Colo.--- Denver	20.3	23.3	28.0	37.1	45.9	55.0	61.5	60.4	57.1	45.2	32.3	21.7	39.7
Conn.--- Hartford	18.5	18.7	27.6	37.0	47.7	57.1	62.3	60.0	52.2	41.3	32.3	21.7	39.7
Del.--- Wilmington	24.7	24.6	32.0	40.4	51.0	60.4	65.0	62.9	57.1	45.2	35.7	26.2	43.8
D.C.--- Washington	28.0	29.3	36.4	44.5	54.9	64.1	68.4	66.6	60.7	48.6	39.4	30.8	47.7
Fla.--- Jacksonville	48.7	49.7	54.3	60.5	66.8	72.1	73.7	73.9	72.1	63.8	54.3	49.1	61.6
Miami	62.6	62.5	64.8	68.6	71.9	75.2	76.4	76.9	76.0	72.6	66.8	63.6	69.8
Ga.--- Atlanta	36.6	38.0	43.8	52.1	60.2	67.8	70.0	69.7	65.4	54.7	48.3	37.6	53.8
Hawaii--- Honolulu	67.2	67.2	67.6	68.8	70.6	72.4	73.5	74.1	73.7	72.9	70.7	68.9	70.6
Idaho--- Boise	19.9	25.6	31.3	37.7	44.7	51.3	59.1	56.0	48.0	40.2	30.4	23.8	39.1
Ill.--- Chicago	17.1	19.8	29.0	38.6	48.7	58.8	63.9	62.3	55.2	43.9	31.3	26.6	40.8
Ill.--- Peoria	16.7	19.9	29.0	39.9	50.0	59.9	64.4	62.5	55.0	43.5	31.0	20.7	41.0
Ind.--- Indianapolis	23.4	25.5	33.2	43.1	53.3	63.2	67.7	66.0	59.4	48.6	36.1	26.6	45.5
Iowa--- Des Moines	13.3	16.9	27.9	40.1	60.9	60.9	65.6	63.7	55.4	43.9	29.4	17.9	40.5
Kans.--- Wichita	22.6	26.5	34.1	45.3	54.5	64.6	69.4	68.0	60.5	49.5	35.0	26.8	46.4
Ky.--- Louisville	27.9	29.8	37.0	46.9	56.3	65.7	69.3	67.6	61.4	49.9	33.6	30.2	48.4
La.--- New Orleans	48.3	50.4	54.8	61.8	68.4	74.4	75.8	76.2	73.4	65.4	54.8	49.5	62.8
Maine--- Portland	10.6	11.3	21.9	31.0	42.0	51.0	56.9	55.3	47.4	37.2	27.8	15.7	34.1
Md.--- Baltimore	29.6	29.0	36.8	45.3	56.2	65.5	70.0	68.2	62.2	50.7	41.1	32.1	49.0
Mass.--- Boston	21.6	21.8	30.0	39.4	49.3	58.4	64.3	63.5	55.9	46.9	37.1	25.8	42.8
Mich.--- Detroit	19.3	19.6	27.0	36.8	47.5	57.8	62.6	61.2	54.5	43.6	33.1	23.2	40.5
N.J.--- Newark	5.7	4.3	14.2	27.8	38.1	46.5	52.4	52.3	45.9	36.4	25.1	13.0	30.1
Minn.--- Duluth	1.9	4.3	16.4	20.7	39.5	48.5	55.8	55.5	47.3	36.8	21.7	7.3	30.4
Minn.--- Minneapolis	6.1	9.4	22.7	36.2	48.0	57.8	63.3	60.8	51.8	40.6	25.2	11.5	36.1
Miss.--- Jackson	37.9	40.4	45.5	53.7	60.8	68.3	70.5	69.7	64.7	53.1	43.1	38.6	53.9
Mo.--- Kansas City	21.0	24.8	33.5	45.6	55.6	65.6	70.5	68.7	60.1	48.9	34.7	25.1	46.2
Mo.--- St. Louis	25.6	28.5	36.4	47.3	57.3	66.9	71.6	69.7	62.4	51.5	38.0	28.8	48.7
Mont.--- Great Falls	12.8	15.5	20.9	33.1	42.1	48.6	56.1	53.8	46.1	37.9	26.8	20.3	34.5
Nebr.--- Omaha	13.5	17.5	28.3	41.5	52.1	62.3	67.6	65.1	55.9	44.2	20.3	18.6	41.3
Nev.--- Reno	16.6	21.6	24.6	30.3	37.3	42.1	47.3	44.7	38.7	31.2	23.3	19.1	31.4
N.H.--- Concord	8.6	9.8	20.7	30.4	40.7	50.2	55.3	52.8	45.2	34.3	25.8	13.6	32.3
N.J.--- Atlantic City	29.1	28.6	34.7	42.6	52.7	62.4	67.9	67.4	62.4	51.2	41.4	31.4	47.7
N.Mex.--- Albuquerque	21.8	26.7	32.3	41.5	51.6	60.9	66.4	64.6	57.5	45.2	31.3	24.5	43.7
N.Y.--- Albany	17.4	17.4	27.3	37.8	49.1	58.6	63.6	61.5	54.1	43.0	34.2	22.0	40.5
N.Y.--- Buffalo	18.5	17.1	25.1	34.4	44.9	55.0	60.0	58.5	52.2	42.0	32.7	22.6	38.6
N.Y.--- New York	25.8	25.3	32.8	41.7	52.5	61.8	66.9	66.0	60.1	49.5	39.5	28.9	45.9
N.C.--- Charlotte	32.3	33.8	39.5	47.9	56.8	65.6	68.3	67.2	62.1	49.8	39.4	33.0	49.6
N.C.--- Raleigh	34.0	34.9	40.7	48.3	57.4	66.1	69.6	68.3	63.6	51.7	41.9	35.1	51.0
N.Dak.--- Bismarck	1.8	2.1	16.6	31.6	42.2	52.2	55.6	55.2	44.9	32.9	18.5	5.5	29.9
Ohio.--- Cincinnati	25.2	26.6	33.8	43.3	52.9	62.4	65.0	64.2	58.0	46.5	36.2	25.7	45.2
Ohio.--- Cleveland	23.0	23.8	30.5	40.1	51.2	61.7	66.5	65.5	58.8	48.3	37.3	27.3	44.5
Ohio.--- Columbus	23.9	25.0	32.4	41.6	52.2	62.1	65.8	64.1	57.9	46.5	35.6	26.5	44.5
Okla.--- Oklahoma City	28.3	32.3	39.0	50.2	58.5	67.9	71.8	71.6	63.8	53.1	39.4	31.6	50.6
Oreg.--- Portland	34.7	38.0	41.1	44.9	49.6	54.4	57.8	57.9	54.4	48.7	41.7	37.9	46.8
Pa.--- Philadelphia	28.2	28.0	35.2	43.8	54.5	63.8	69.0	67.3	61.3	50.4	40.8	31.0	47.8
Pa.--- Pittsburgh	25.8	25.7	32.7	41.6	52.2	61.8	65.6	63.6	58.7	46.5	37.0	28.7	45.0
R.I.--- Providence	23.0	22.7	31.1	39.6	49.8	58.7	64.4	62.7	55.7	45.5	36.4	25.9	45.0
S.C.--- Columbia	38.7	39.5	45.6	53.0	61.2	69.0	71.3	70.4	66.5	55.0	44.8	38.9	54.5
S.Dak.--- Sioux Falls	4.0	8.7	21.6	31.1	45.4	55.8	61.6	59.8	49.4	37.0	21.4	9.3	34.0
Tenn.--- Memphis	34.5	37.3	44.1	53.8	62.1	70.4	73.2	72.2	66.4	55.9	44.0	37.1	54.3
Tenn.--- Nashville	30.9	33.0	39.5	48.8	57.2	66.1	69.3	68.0	61.8	49.8	39.3	32.6	49.7
Tex.--- Dallas	36.0	40.0	46.7	56.0	63.9	72.3	75.6	75.5	68.6	57.9	45.3	38.7	56.4
Tex.--- El Paso	30.9	36.0	40.8	49.2	57.8	66.5	69.0	68.0	62.8	52.2	38.4	32.7	50.4
Tex.--- Houston	45.7	49.5	54.0	61.0	67.3	73.6	75.2	75.4	71.4	63.1	52.8	47.4	61.4
Utah--- Salt Lake City	21.1	26.3	32.8	40.4	48.2	55.5	64.7	62.6	52.8	42.8	31.9	25.5	42.1
Vt.--- Burlington	8.2	8.0	19.6	31.6	43.4	53.5	58.4	56.3	48.4	37.8	28.4	14.5	34.0
Va.--- Norfolk	35.4	35.4	41.0	48.5	58.2	66.9	70.7	70.3	66.4	55.5	45.6	37.2	52.6
Va.--- Richmond	30.7	31.2	37.6	45.6	55.6	64.6	68.4	66.9	61.5	49.2	39.7	31.9	48.6
Wash.--- Seattle	36.2	38.1	40.5	44.1	48.9	53.4	56.1	56.2	53.2	48.2	42.1	38.9	48.3
Wash.--- Spokane	19.6	23.0	30.2	36.6	43.8	50.6	56.8	55.1	47.5	38.8	28.8	24.3	44.0
W. Va.--- Charleston	26.5	27.7	33.1	41.8	50.3	59.5	63.6	61.7	55.7	44.2	35.0	28.6	44.0
Wis.--- Milwaukee	16.0	18.0	27.0	37.2	46.2	56.6	64.4	63.6	56.5	45.3	32.0	20.3	40.3
Wyo.--- Cheyenne	13.8	15.6	19.9	28.7	37.3	46.5	53.6	52.6	43.1	32.9	23.2	17.1	32.0
P.R.--- San Juan	70.2	70.0	70.6	71.7	73.8	75.0	75.7	76.0	75.4	74.8	73.5	71.8	73.2

Source: Department of Commerce, Weather Bureau; records.

No. 220. HIGHEST TEMPERATURE OF RECORD, FOR SELECTED CITIES

[In Fahrenheit degrees. For period of record through 1958]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.----Mobile	17	84	82	90	92	100	102	104	102	98	93	85	80	104
Alaska---Juneau	15	57	48	52	71	82	84	84	83	72	61	56	54	84
Ariz.----Phoenix	21	85	88	92	104	113	117	118	115	118	104	91	88	118
Ark.----Little Rock	17	83	82	86	92	96	104	107	107	106	94	86	80	107
Calif.----Los Angeles	18	86	90	88	96	99	104	102	101	110	104	95	87	110
Calif.----Sacramento	25	70	74	82	94	102	112	109	109	109	102	83	72	122
Calif.----San Francisco	22	75	75	83	86	91	92	84	87	97	90	84	76	97
Colo.----Denver ¹	24	72	76	80	84	96	104	104	101	95	88	79	74	104
Conn.----Hartford	54	70	72	86	91	94	100	101	101	101	91	83	67	101
Del.----Wilmington	11	75	74	86	85	93	99	102	101	100	91	85	71	102
D.C.----Washington	87	80	84	93	95	97	102	106	106	104	96	87	74	106
Fla.----Jacksonville	87	85	87	91	93	99	103	105	102	100	96	87	84	105
Fla.----Miami ¹	19	87	89	90	93	94	98	100	98	95	94	90	88	100
Ga.----Atlanta	80	78	79	87	93	97	102	103	102	102	95	82	75	103
Hawaii----Honolulu	36	83	82	83	83	84	85	87	88	88	87	85	85	88
Idaho----Boise	19	63	67	76	92	95	109	106	105	102	88	73	62	109
Ill.----Chicago	16	67	69	82	84	94	104	103	101	101	91	81	65	104
Ill.----Peoria ¹	19	68	70	81	89	92	100	103	101	101	90	81	66	103
Ind.----Indianapolis	21	71	72	81	88	93	102	104	100	100	90	81	69	104
Iowa----Des Moines ¹	19	62	68	82	88	94	100	105	102	101	92	76	69	105
Kans.----Wichita	5	68	80	89	94	99	108	112	107	103	95	80	83	113
Ky.----Louisville	86	79	78	88	91	98	103	107	105	104	92	83	74	107
La.----New Orleans	85	83	85	90	91	97	102	102	100	99	94	89	84	102
Maine----Portland	18	64	64	86	85	92	97	98	100	95	87	73	60	100
Md.----Baltimore	87	79	83	90	94	98	105	107	105	101	97	87	75	107
Mass.----Boston	87	72	68	86	89	97	100	104	101	102	90	83	69	104
Mich.----Detroit	25	67	68	82	87	93	104	105	101	100	89	81	64	105
Minn.----Sault Ste. Marie	17	43	45	75	82	85	92	92	98	93	89	80	66	98
Minn.----Duluth ¹	17	52	53	78	88	87	92	97	97	97	89	86	68	97
Miss.----Minneapolis	21	58	59	78	92	95	100	104	102	98	89	75	63	104
Miss.----Jackson	19	85	82	88	93	99	103	104	106	103	96	86	84	106
Mo.----Kansas City	25	75	76	89	91	103	108	112	113	109	98	83	74	113
Mo.----St. Louis	23	75	76	87	91	98	104	112	106	102	93	83	75	112
Mont.----Great Falls	21	62	67	72	87	90	99	102	105	94	91	72	69	105
Nebr.----Omaha	23	69	69	88	91	99	105	114	110	104	96	80	72	114
Nev.----Reno	17	68	70	77	87	94	100	104	102	101	88	77	69	104
N.H.----Concord	88	72	68	85	92	98	101	102	100	98	92	80	65	102
N.J.----Atlantic City	85	68	77	84	90	95	99	102	104	94	91	80	68	104
N. Mex.----Albuquerque	19	67	72	81	88	98	101	104	100	98	87	74	72	104
N.Y.----Albany	20	64	63	85	93	92	99	100	99	100	91	82	62	100
N.Y.----Buffalo	85	72	68	81	87	94	97	96	99	98	92	76	70	99
N.Y.----New York	88	71	73	84	91	95	97	102	102	100	90	81	69	102
N.C.----Charlotte	80	79	82	91	96	98	103	103	103	104	98	85	79	104
N. Dak.----Bismarck	19	54	68	81	92	98	99	107	109	103	95	73	60	109
Ohio----Cincinnati	43	77	76	88	90	95	102	109	103	101	92	83	71	109
Ohio----Cleveland	18	73	69	83	88	92	101	103	102	101	90	82	69	103
Ohio----Columbus	80	74	73	85	90	96	102	106	103	100	91	80	70	106
Oklahoma----Oklahoma City	19	80	81	93	95	95	105	109	107	107	96	84	86	109
Oreg.----Portland	56	65	68	83	93	99	102	107	102	102	90	71	65	107
Pa.----Philadelphia	17	74	74	87	92	96	100	102	101	100	96	79	72	102
Pa.----Pittsburgh	6	60	69	72	87	87	94	99	97	97	83	76	66	99
R.I.----Providence	54	68	69	90	91	95	101	101	102	99	90	82	68	102
S.C.----Columbia	71	82	83	93	96	102	107	107	106	101	98	88	81	107
S. Dak.----Sioux Falls ¹	13	59	70	80	91	94	101	103	105	99	92	75	61	108
Tenn.----Memphis	84	79	80	87	91	98	104	106	105	103	95	85	79	106
Tenn.----Nashville	88	78	79	89	90	96	106	107	105	105	94	85	76	107
Tex.----Dallas	18	88	88	96	99	105	111	109	105	99	89	89	89	111
Tex.----El Paso	19	75	81	88	95	104	107	107	103	98	84	75	70	107
Tex.----Houston	20	82	90	96	92	95	99	105	103	99	97	89	83	105
Utah----Salt Lake City	30	60	68	78	85	93	103	106	103	98	88	74	66	106
Vt.----Burlington	52	63	60	84	86	92	96	100	101	95	85	75	67	101
Va.----Norfolk	88	80	82	92	95	98	103	104	105	100	95	87	78	105
Wash.----Seattle	29	80	83	93	95	100	104	104	102	103	99	86	78	104
Wash.----Spokane	25	66	70	75	87	92	100	100	96	92	78	70	65	100
W. Va.----Charleston	51	81	61	92	96	92	105	108	108	104	96	88	79	108
Wis.----Milwaukee	18	62	60	81	82	90	99	101	100	98	86	77	63	101
Wyo.----Cheyenne	23	63	70	73	78	89	100	100	96	92	82	73	69	100
P.R.----San Juan	60	90	91	96	93	94	98	92	94	94	94	93	90	96

¹ Airport data. Values adjusted to represent observations taken at the present standard location.

No. 221. LOWEST TEMPERATURE OF RECORD, FOR SELECTED CITIES
[In Fahrenheit degrees. For period of record through 1958]

STATION	Length of record (yrs.)													Annual	
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.		
Ala.-----Mobile	17	14	11	21	36	45	56	60	59	47	32	22	18	11	
Alaska-----Juneau	15	-19	-12	-11	7	25	31	36	27	26	16	-3	-21	-21	
Ariz.-----Phoenix	21	17	22	29	32	42	50	61	60	49	36	25	22	17	
Ark.-----Little Rock	17	7	-5	11	32	41	52	56	57	37	31	17	9	-5	
Calif.-----Los Angeles	18	28	34	38	42	47	50	54	53	51	46	40	32	28	
	Sacramento	25	22	26	31	34	37	44	51	50	44	34	30	23	
	San Francisco	22	30	36	38	42	44	47	47	48	48	45	42	37	
Colo.-----Denver ¹	24	-24	-30	-11	6	22	30	43	41	24	8	-8	-11	-30	
Conn.-----Hartford	54	-17	-24	-4	11	28	38	48	38	30	18	6	-18	-24	
Del.-----Wilmington	11	-4	2	10	23	34	45	50	48	37	26	14	6	-4	
D.C.-----Washington	87	-14	-15	4	15	33	43	52	49	36	26	11	-13	-15	
Fla.-----Jacksonville	87	15	10	25	34	46	54	64	64	49	37	22	14	10	
	Miami ¹	19	28	32	33	39	51	61	68	68	67	51	39	35	
Ga.-----Atlanta	80	-2	-9	8	25	38	39	55	55	43	28	3	1	-9	
Hawaii-----Honolulu	36	57	58	58	59	64	68	69	69	66	62	59	57	57	
Idaho-----Boise	20	-17	-10	10	21	27	34	41	41	27	20	-8	-1	-17	
Ill.-----Chicago	16	-15	-15	-7	19	30	35	49	46	36	20	-2	-12	-15	
	Peoria ¹	19	-14	-16	-10	20	31	39	48	43	26	20	-1	-16	
Ind.-----Indianapolis	21	-12	-19	-6	16	20	39	44	42	28	17	-2	-15	-19	
Iowa-----Des Moines ¹	19	-21	-20	-12	17	30	38	49	40	26	16	-1	-15	-21	
Kans.-----Wichita	5	-1	4	6	24	33	44	59	48	40	23	10	5	-1	
Ky.-----Louisville	86	-20	-19	3	21	33	43	49	45	33	23	-1	-7	-20	
La.-----New Orleans	85	15	7	28	38	50	58	66	63	54	40	29	19	7	
Maine-----Portland	18	-21	-39	-21	8	23	33	41	38	23	18	9	-15	-30	
Md.-----Baltimore	87	-6	7	5	15	34	46	54	51	39	30	12	-3	-7	
Mass.-----Boston	87	-13	-18	-8	11	31	41	50	46	34	25	-2	-17	-18	
Mich.-----Detroit	25	-9	-16	-1	14	30	38	48	43	32	25	7	-3	-16	
	Sault Ste. Marie	17	-24	-25	-24	1	21	31	36	32	25	20	-5	-20	
Minn.-----Duluth ¹	17	-35	-29	-26	-5	20	30	40	37	22	9	-17	-33	-35	
	Minneapolis	21	-31	-28	-27	9	28	34	48	40	26	18	-9	-22	-31
Miss.-----Jackson	19	-5	1	17	30	42	48	57	54	41	28	18	15	-5	
Mo.-----Kansas City	25	-13	-13	-3	16	32	44	54	49	34	24	5	-4	-13	
	St. Louis	23	-12	-8	5	20	35	48	56	54	36	27	7	1	-12
Mont.-----Great Falls	21	-33	-35	-29	-6	15	31	42	35	25	7	-23	-23	-35	
Nebr.-----Omaha	23	-21	-19	-16	10	29	39	51	43	30	20	-3	-12	-21	
Nev.-----Reno	17	-16	-9	-2	13	20	25	35	32	21	13	7	-5	-16	
N.H.-----Concord	88	-35	-37	-16	7	21	32	38	33	20	16	-17	-24	-37	
N.J.-----Atlantic City	85	-4	0	8	15	33	45	52	48	37	29	10	-7	-9	
N. Mex.-----Albuquerque	19	1	-5	8	19	34	45	55	53	39	26	10	3	-5	
N.Y.-----Albany	20	-26	-22	-21	14	27	35	44	35	24	19	-11	-19	-26	
	Buffalo	85	-14	-21	-4	5	25	35	43	43	32	24	2	-9	-21
	New York	88	-6	-14	3	12	34	44	54	51	39	27	7	-13	-14
N.C.-----Charlotte	80	-1	-5	14	24	37	45	55	53	38	26	14	-5	-5	
	Raleigh	72	2	-2	13	23	32	44	53	49	37	25	14	0	-2
N. Dak.-----Bismarck	19	-44	-34	-31	-2	19	33	39	37	16	6	-19	-36	-44	
Ohio-----Cincinnati	43	-17	-9	6	18	32	40	50	43	32	20	1	-13	-17	
	Cleveland	18	-9	-8	-5	19	29	38	46	44	32	25	7	-9	-9
	Columbus	80	-20	-20	-1	15	28	39	44	42	31	17	-5	-14	-20
Oklahoma-----Oklahoma City	10	-10	-1	1	20	32	47	56	51	37	22	13	5	-10	
Oreg.-----Portland	56	6	7	22	30	36	41	43	44	35	29	15	3	3	
Pa.-----Philadelphia	17	2	3	7	24	33	44	52	50	36	28	15	1	1	
	Pittsburgh	6	-6	-8	12	20	32	43	49	46	34	28	-1	-3	-8
R.I.-----Providence	54	-9	-17	2	11	29	39	49	44	33	25	9	-12	-17	
S.C.-----Columbia	71	6	-2	17	28	38	47	54	54	42	23	16	4	-2	
S. Dak.-----Sioux Falls ¹	13	-26	-27	-23	11	20	33	44	34	24	13	-10	-25	-27	
Tenn.-----Memphis	84	-8	-11	12	27	38	50	52	48	36	25	9	2	-11	
	Nashville	88	-10	-13	3	25	36	42	51	47	36	26	-1	-2	-13
Tex.-----Dallas	18	2	7	11	31	39	53	61	61	36	30	17	12	2	
	El Paso	19	-6	8	18	28	38	50	60	59	41	32	16	5	-6
	Houston	20	10	14	21	39	46	57	68	63	45	40	29	20	10
Utah-----Salt Lake City	30	-22	-30	5	14	27	35	41	39	30	18	-14	-21	-30	
Vt.-----Burlington	52	-30	-28	-24	5	25	33	43	38	25	17	-3	-26	-30	
Va.-----Norfolk	88	5	2	14	23	38	49	57	56	40	31	17	5	2	
	Richmond ¹	29	-12	-10	11	26	31	41	51	46	38	23	10	-9	-12
	Seattle	25	11	12	22	31	35	45	48	49	42	30	13	21	11
W. Va.-----Charleston	11	-24	-12	-3	21	24	35	40	42	30	20	-11	-9	-24	
	Spokane	18	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24
Wis.-----Milwaukee	18	-24	-19	-7	13	28	33	45	44	28	21	-5	-12	-24	
Wyo.-----Cheyenne	23	-27	-34	-21	-6	16	25	38	37	18	2	-12	-16	-34	
P.R.-----San Juan	60	63	62	63	65	66	66	70	68	69	68	65	62	62	

¹ Airport data. Values adjusted to represent observations taken at the present standard location.

No. 222. NORMAL MONTHLY AND ANNUAL PRECIPITATION, FOR SELECTED CITIES

[In inches. Based on standard 30-year period (1921 to 1950). T denotes trace. See also *Historical Statistics, Colonial Times to 1957*, series J 138-265, for related data]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.--- Mobile	4.83	4.36	7.12	5.05	4.73	5.86	7.94	5.35	4.94	3.07	3.73	5.25	62.23	
Alaska--- Juneau	8.00	5.78	6.43	5.73	5.14	4.13	6.04	7.37	10.49	18.03	10.38	7.73	90.25	
Ariz.--- Phoenix	0.61	0.82	0.68	0.37	0.16	0.06	0.68	0.90	0.96	0.40	0.50	0.98	7.12	
Ark.--- Little Rock	5.12	4.06	4.85	5.16	4.85	3.43	3.10	3.15	2.85	2.81	3.92	4.08	47.33	
Calif.--- Los Angeles	2.38	3.37	2.36	1.17	0.26	0.07	T	0.02	0.27	0.50	1.03	3.11	14.54	
Sacramento	2.86	3.31	2.28	1.43	0.57	0.14	T	0.08	0.92	1.59	3.19	16.32		
San Francisco	4.03	3.91	2.78	1.49	0.59	0.16	0.01	0.01	0.18	1.07	2.27	4.07	20.51	
Colo.--- Denver	0.50	0.58	1.24	1.90	2.06	1.45	1.22	1.35	0.93	1.00	0.72	0.50	13.45	
Conn.--- Hartford	3.74	3.03	3.53	3.55	3.77	3.70	3.93	3.67	3.41	2.70	3.85	3.49	42.43	
Del.--- Wilmington	3.56	2.98	3.61	3.64	3.81	4.02	4.49	5.28	3.80	2.99	3.33	2.99	44.50	
D.C.--- Washington	3.41	2.64	3.36	3.20	3.91	3.42	4.11	4.49	4.36	2.97	2.82	2.75	41.44	
Fla.--- Jacksonville	2.82	2.60	3.51	3.04	3.63	6.67	7.89	6.26	6.79	5.13	1.57	2.39	52.30	
Miami	2.15	1.73	2.15	3.44	4.27	5.55	4.36	5.06	6.72	7.88	2.16	1.73	47.20	
Ga.--- Atlanta	4.52	4.65	5.49	4.45	3.25	3.68	3.97	4.43	3.83	2.92	2.50	3.28	4.44	47.96
Hawaii--- Honolulu	4.31	2.49	2.30	2.05	1.01	0.63	0.86	1.09	1.34	2.28	2.08	3.48	23.92	
Idaho--- Boise	1.33	1.35	1.34	1.10	1.09	0.84	0.18	0.21	0.46	0.94	1.35	1.29	11.45	
Ill.--- Chicago	1.84	1.41	2.85	2.82	3.66	4.15	2.73	3.19	3.28	2.56	2.33	1.95	32.72	
Peoria	1.97	1.91	2.79	3.44	3.94	3.88	3.70	2.99	3.73	2.44	2.35	2.04	35.18	
Ind.--- Indianapolis	3.04	2.08	3.86	3.69	3.78	4.18	3.25	3.55	3.65	2.40	3.05	2.71	39.24	
Iowa--- Des Moines	1.22	1.07	2.05	2.36	3.63	5.05	2.96	3.83	3.66	2.25	1.66	1.15	30.83	
Kans.--- Wichita	1.05	0.98	1.74	3.52	3.79	4.99	3.43	2.96	3.23	2.18	1.73	1.10	30.70	
Ky.--- Louisville	4.07	2.99	4.67	4.06	3.82	4.05	3.07	3.31	2.69	2.48	3.08	3.31	41.60	
La.--- New Orleans	4.78	4.18	6.56	5.45	5.43	5.57	7.09	6.41	5.82	3.66	4.01	4.58	63.54	
Maine--- Portland	4.43	3.83	4.03	3.75	3.38	3.32	2.83	2.59	3.08	2.98	3.79	3.79	41.78	
Md.--- Baltimore	3.66	2.99	3.63	3.72	4.01	3.62	3.94	4.38	3.46	3.37	2.96	2.95	42.59	
Mass.--- Boston	3.50	2.98	3.43	3.46	2.91	3.48	3.18	3.23	2.99	2.79	3.49	3.37	38.76	
Mich.--- Detroit	2.08	2.02	2.53	2.91	3.61	2.90	2.91	2.62	2.78	2.29	2.18	2.20	31.03	
Sault Ste. Marie	2.16	1.52	1.85	1.95	2.53	3.02	2.49	2.62	3.49	2.98	3.26	2.30	30.19	
Minn.--- Duluth	1.01	1.02	1.54	2.21	2.95	3.72	3.31	3.19	3.05	1.96	1.67	1.00	26.63	
Minneapolis	0.80	0.89	1.48	1.91	3.12	4.26	2.67	2.79	2.85	1.65	1.44	0.85	24.71	
Miss.--- Jackson	5.09	5.09	6.23	4.82	4.09	3.72	4.61	3.28	2.10	2.18	4.05	5.60	50.86	
Kans.--- Kansas City	1.43	1.16	2.51	3.61	4.51	5.02	2.83	3.89	3.85	2.98	2.17	1.50	35.31	
St. Louis	2.32	1.88	3.64	4.01	4.10	3.80	2.91	3.77	3.33	2.90	2.72	2.43	37.86	
Mont.--- Great Falls	0.55	0.57	0.99	0.95	1.93	2.98	1.35	1.20	1.44	0.72	0.67	0.70	14.03	
Nebr.--- Omaha	0.85	0.87	1.32	2.15	2.75	4.51	3.34	3.12	3.16	1.73	1.20	0.81	25.90	
Nev.--- Reno	1.04	1.05	0.70	0.46	0.48	0.42	0.28	0.23	0.22	0.55	0.64	0.94	6.96	
N.H.--- Concord	2.91	2.30	3.04	3.08	3.04	3.62	3.57	3.10	3.39	2.80	3.57	2.81	37.23	
N.J.--- Atlantic City	3.78	3.24	3.53	3.40	2.98	2.98	3.78	4.72	3.51	3.21	3.32	3.31	41.77	
N.Mex.--- Albuquerque	0.28	0.33	0.44	0.53	0.87	0.72	1.43	1.38	1.05	0.64	0.42	0.59	8.68	
N.Y.--- Albany	2.47	1.28	2.57	2.77	3.18	3.89	4.08	3.24	3.66	2.47	2.93	2.37	35.81	
Buffalo	2.78	2.59	2.72	2.55	2.47	2.70	2.43	2.54	3.01	2.49	3.09	2.92	32.29	
New York	3.46	3.13	3.56	3.22	3.51	3.70	4.24	4.34	3.67	3.04	3.09	3.07	42.03	
N.C.--- Charlotte	3.68	3.55	4.09	3.17	2.98	3.51	4.67	4.36	3.65	2.99	2.65	3.79	43.09	
Raleigh	3.25	3.50	3.58	3.52	3.65	4.30	5.64	5.15	4.65	2.68	2.70	3.21	45.83	
N.Dak.--- Bismarck	0.36	0.43	0.76	1.39	1.94	3.33	2.33	1.50	1.43	1.00	0.53	0.40	15.40	
Ohio.--- Cincinnati	3.44	2.55	4.07	3.64	3.54	4.05	3.70	3.88	2.88	2.19	3.06	2.84	39.34	
Cleveland	2.45	2.19	2.96	2.91	3.02	3.26	3.35	2.75	3.23	2.37	2.69	2.32	33.50	
Columbus	2.81	2.15	3.22	3.19	3.23	3.66	3.53	3.01	2.58	2.00	2.54	2.44	34.36	
Oklahoma City	1.58	1.28	2.15	3.60	4.62	4.42	2.42	2.60	3.46	2.92	2.00	1.54	32.59	
Oreg.--- Portland	5.43	4.87	4.15	2.43	1.87	1.62	0.42	0.61	1.83	3.53	6.05	7.10	39.91	
Pa.--- Philadelphia	3.39	3.03	3.37	3.38	3.53	3.97	4.21	4.62	3.43	2.61	3.08	2.77	41.44	
Pittsburgh	2.83	2.35	3.41	3.08	3.49	3.83	3.72	3.08	2.77	2.49	2.61	2.57	36.28	
R.I.--- Providence	3.75	2.84	3.58	3.37	3.02	3.17	3.06	3.63	3.19	2.83	3.74	3.45	39.63	
S.C.--- Columbia	2.84	3.33	3.44	3.50	3.30	3.55	5.74	4.93	3.64	2.08	2.00	3.20	41.58	
S. Dak.--- Sioux Falls	0.72	0.74	1.35	2.35	3.38	4.25	3.00	3.28	2.93	1.46	1.11	0.67	25.24	
Tenn.--- Memphis	5.88	4.22	5.20	4.70	3.65	3.25	3.10	2.53	2.50	3.18	4.31	4.79	46.81	
Nashville	4.93	4.16	5.28	3.69	3.78	3.19	3.96	3.31	2.74	2.52	3.41	4.08	45.03	
Tex.--- Dallas	2.47	2.62	2.81	3.87	4.97	3.45	1.97	1.83	2.71	2.67	2.43	2.62	34.42	
El Paso	0.42	0.36	0.28	0.27	0.41	0.63	1.32	1.32	1.13	0.83	0.38	0.49	7.83	
Houston	3.98	2.81	3.10	3.40	4.84	4.08	4.45	3.09	3.65	3.39	3.95	4.63	45.37	
Utah--- Salt Lake City	1.20	1.23	1.66	1.76	1.56	0.91	0.61	0.97	0.74	1.34	1.42	1.34	14.74	
Vt.--- Burlington	1.89	1.53	2.19	2.63	2.89	3.57	3.75	3.01	3.14	2.89	2.85	3.18	32.22	
Va.--- Norfolk	3.17	3.06	3.27	3.16	3.45	4.16	6.05	5.08	3.86	2.45	2.67	2.58	43.26	
Richmond	3.63	2.73	3.43	3.27	3.69	3.78	3.58	4.96	3.36	2.62	2.41	2.92	42.17	
Wash.--- Seattle	4.49	3.74	3.06	1.94	1.61	1.25	0.52	0.87	1.56	3.08	4.46	5.34	31.92	
Spokane	1.72	1.96	1.34	0.99	1.04	1.17	0.86	0.49	0.98	1.33	1.88	2.21	14.92	
W. Va.--- Charleston	3.99	3.50	4.16	3.74	3.78	3.93	5.45	4.55	2.94	2.81	3.17	2.98	45.00	
Wis.--- Milwaukee	1.75	1.42	2.37	2.61	2.92	3.25	2.37	2.90	3.36	2.07	2.28	1.57	28.87	
Wyo.--- Cheyenne	0.56	0.65	1.22	2.14	2.46	2.10	1.96	1.61	1.20	1.13	0.70	0.52	16.25	
P.R.--- San Juan	4.69	2.67	2.42	3.80	6.51	5.16	6.02	6.26	6.00	5.27	6.37	4.83	60.00	

Source: Department of Commerce, Weather Bureau; records.

No. 223. AVERAGE NUMBER OF DAYS WITH PRECIPITATION OF 0.01 INCH OR MORE,
FOR SELECTED CITIES
[For period of record through 1958]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.----Mobile	17	10	10	11	8	8	12	17	13	10	5	8	11	123
Alaska----Juneau	15	18	17	17	17	18	15	17	18	20	23	20	21	221
Ariz.----Phoenix	19	4	4	3	2	1	1	5	5	2	3	2	4	36
Ark.----Little Rock	17	10	10	11	11	11	8	7	7	6	6	8	9	104
Calif.----Los Angeles	18	7	5	7	4	2	1	(¹)	(¹)	1	1	4	6	40
Calif.----Sacramento	25	11	10	8	6	3	1	(¹)	(¹)	1	1	5	6	10
Calif.----San Francisco	22	11	10	11	6	4	2	1	1	1	5	7	11	70
Colo.----Denver	24	6	6	8	9	11	9	9	8	5	6	5	4	86
Conn.----Hartford	54	13	11	12	12	12	10	10	10	9	9	8	10	1128
Del.----Wilmington	11	13	10	13	12	13	10	9	9	9	8	9	10	125
D.C.----Washington	88	11	10	12	11	12	11	11	11	8	8	9	10	124
Fla.----Jacksonville	87	8	8	8	7	9	13	16	15	14	9	7	8	122
Fla.----Miami ²	9	5	6	5	7	10	10	16	15	17	16	7	7	121
Ga.----Atlanta	80	12	11	12	10	9	11	12	11	8	7	8	11	122
Hawaii----Honolulu	36	12	12	13	12	11	11	14	13	12	13	13	14	150
Idaho----Boise	19	12	11	10	8	9	7	2	2	3	3	7	10	93
Ill.----Chicago	16	10	10	12	13	12	10	9	8	8	7	10	10	119
Ind.----Peoria	19	9	8	11	12	12	10	8	7	8	7	9	9	110
Ind.----Indianapolis	19	12	10	12	12	13	11	9	8	7	7	9	10	121
Iowa----Des Moines	19	7	7	10	10	11	11	9	9	8	7	6	7	102
Kans.----Wichita ²	5	6	5	7	8	12	9	6	6	5	4	4	4	79
Ky.----Louisville	86	12	10	12	12	11	11	10	9	8	8	9	11	123
La.----New Orleans	88	10	9	9	7	9	13	15	14	11	6	7	10	120
Maine----Portland	18	12	11	11	12	14	12	9	9	8	9	11	11	129
Md.----Baltimore	82	12	11	13	12	12	11	12	11	9	9	10	11	133
Mass.----Boston	88	12	11	12	11	11	10	10	10	9	9	10	11	126
Mich.----Detroit	25	13	12	13	12	12	11	9	8	9	9	12	13	133
Minn.----Sault Ste. Marie	17	18	15	13	11	11	12	10	10	13	11	18	19	161
Minn.----Duluth ²	17	11	10	11	10	12	13	11	11	11	9	12	12	133
Miss.----Minneapolis	21	8	7	11	9	11	13	11	10	9	7	8	9	113
Miss.----Jackson	19	11	11	10	9	9	9	9	11	7	5	8	10	107
Mo.----Kansas City	25	7	7	9	11	12	11	8	9	8	6	6	6	100
Mo.----St. Louis	23	9	9	11	12	12	11	8	8	7	7	8	8	110
Mont.----Great Falls	21	8	8	9	8	11	13	8	7	7	6	7	6	98
Nebr.----Omaha	23	6	7	8	9	11	11	9	9	7	6	5	5	93
Nev.----Reno	17	6	6	6	4	5	3	2	1	2	3	4	6	48
N.H.----Concord	56	11	9	10	11	10	10	10	10	10	9	10	10	120
N.J.----Atlantic City	85	12	10	12	11	11	10	10	10	8	9	9	10	122
N.Mex.----Albuquerque	19	4	4	4	4	4	4	9	10	5	5	3	4	60
N.Y.----Albany	20	13	11	12	13	13	11	12	9	9	9	10	11	133
N.Y.----Buffalo	88	19	17	16	14	13	11	11	10	9	11	12	15	165
N.Y.----New York	88	12	10	12	11	11	10	11	10	9	9	9	10	124
N.C.----Charlotte	80	11	10	12	10	10	11	11	13	11	8	7	7	10
N. Dak.----Bismarck	19	8	7	9	7	9	12	10	9	7	6	6	7	97
Ohio----Cincinnati	43	13	11	13	13	13	14	10	10	9	9	10	11	136
Ohio----Cleveland	17	16	15	16	15	14	11	10	9	9	10	15	16	156
Ohio----Columbus	80	14	12	14	13	12	12	11	10	9	9	11	13	140
Oklahoma----Oklahoma City	19	6	7	9	11	9	7	6	6	6	5	5	84	
Oreg.----Portland	56	19	16	17	14	12	9	3	4	7	12	17	19	149
Pa.----Philadelphia	18	12	9	12	11	12	11	9	9	8	8	9	10	120
Pa.----Pittsburgh	6	17	14	16	15	11	12	11	10	8	10	12	15	151
R.I.----Providence	54	12	10	12	12	12	10	10	9	9	8	10	11	125
S.C.----Columbia	71	9	10	10	8	9	10	13	12	8	6	7	10	112
S.Dak.----Sioux Falls	13	5	6	9	8	10	11	10	9	7	6	5	6	92
Tenn.----Memphis	87	11	10	11	10	10	9	9	8	7	7	9	11	112
Tenn.----Nashville	88	12	11	12	11	10	10	10	9	8	7	9	11	120
Tex.----Dallas	18	8	8	7	9	9	6	5	5	6	7	6	8	82
Tex.----El Paso	19	3	3	2	2	2	4	8	7	4	4	2	3	44
Tex.----Houston	20	10	10	9	8	8	8	10	8	9	6	8	9	103
Utah----Salt Lake City	30	10	9	9	8	9	8	5	5	4	7	7	8	88
Vt.----Burlington	52	13	12	13	13	13	12	12	11	12	11	13	13	148
Va.----Norfolk	88	11	11	12	10	11	11	12	12	8	8	8	10	124
Va.----Richmond	21	10	9	11	10	11	10	12	12	10	8	7	9	116
Wash.----Seattle	25	18	16	16	13	11	10	5	6	8	14	17	19	153
Wash.----Spokane	11	17	12	13	7	9	8	4	4	5	10	12	16	117
W. Va.----Charleston	11	18	14	16	14	14	11	12	10	9	9	11	13	151
Wis.----Milwaukee	18	10	9	11	11	13	11	9	9	8	7	10	10	118
Wyo.----Cheyenne	23	6	6	9	10	13	11	11	10	7	6	6	5	100
P.R.----San Juan	60	20	14	14	14	16	17	19	20	18	18	19	20	209

¹ Less than $\frac{1}{6}$ day.² Airport data. Values adjusted to represent observations taken at the present standard location.

Source: Department of Commerce, Weather Bureau; records.

No. 224. AVERAGE TOTAL SNOW AND SLEET, FOR SELECTED CITIES

(In inches. For period of record through 1958. T denotes trace)

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.----Mobile	17	0.2	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.4
Alaska----Juneau	15	17.6	20.0	14.7	4.1	T	0.0	0.0	0.0	T	1.5	10.9	23.3	92.1
Ariz.----Phoenix	21	T	T	0.0	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
Ark.----Little Rock	17	2.0	0.7	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.7	3.6
Calif.----Los Angeles	18	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T
	10	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	10	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T
	22	T	T	0.0	0.0	0.0	0.0	0.0	0.0	1.1	2.5	7.7	5.7	56.2
Colo.----Denver	24	8.5	7.0	11.9	10.0	1.8	T	0.0	0.0	0.0	T	1.9	7.5	40.6
Conn.----Hartford	54	10.7	12.0	7.0	1.5	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.7
Del.----Wilmington	11	5.8	4.8	4.5	T	0.0	0.0	0.0	0.0	0.0	0.0	1.7	2.7	19.5
D.C.----Washington	71	5.9	5.5	3.6	0.4	T	0.0	0.0	0.0	0.0	0.1	0.8	3.1	19.4
Fla.----Jacksonville	87	T	T	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	T	T
	19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ga.----Atlanta	74	0.8	0.8	0.2	T	0.0	0.0	0.0	0.0	0.0	T	0.3	0.3	2.1
Hawaii----Honolulu	36	0.0	0.0	0.0	0.0	0.0	T	0.0	0.0	0.0	T	1.6	5.1	21.6
Idaho----Boise	19	7.4	4.8	2.3	0.3	T	0.0	0.0	0.0	0.0	0.3	3.4	10.2	34.3
Ill.----Chicago	16	7.1	6.7	6.1	0.5	T	0.0	0.0	0.0	0.0	T	2.0	5.5	21.7
	15	4.7	4.4	4.6	0.5	T	0.0	0.0	0.0	0.0	T	2.1	4.2	17.7
Ind.----Indianapolis	27	4.1	3.6	3.2	0.5	T	0.0	0.0	0.0	0.0	T	1.8	5.8	30.0
Iowa----Des Moines	19	8.7	5.9	6.8	1.0	T	0.0	0.0	0.0	T	0.5	1.7	12.7	2.9
Kans.----Wichita	5	3.1	2.8	4.3	0.3	T	0.0	0.0	0.0	0.0	0.1	0.6	2.9	13.5
Ky.----Louisville	74	4.1	3.5	2.1	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	T	0.3
La.----New Orleans	88	0.1	0.2	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Maine----Portland	18	20.2	18.2	12.9	2.3	0.4	0.0	0.0	0.0	0.0	T	3.1	11.3	68.4
Md.----Baltimore	69	6.1	6.6	4.8	0.6	T	0.0	0.0	0.0	0.0	0.1	0.6	3.9	22.7
Mass.----Boston	87	12.0	12.4	7.4	1.8	T	0.0	0.0	0.0	0.0	T	1.5	7.4	42.5
Mich.----Detroit	25	8.0	7.5	5.2	1.3	T	0.0	0.0	0.0	0.0	0.1	2.8	6.6	31.5
	17	21.0	15.7	15.4	5.1	0.5	T	0.0	0.0	0.2	2.2	14.7	26.2	101.0
Minn.----Duluth	15	16.6	13.3	14.5	7.2	1.1	T	0.0	0.0	T	1.2	10.2	14.4	78.5
	21	0.4	7.7	10.3	2.2	0.3	0.0	0.0	0.0	0.1	0.3	6.7	7.4	41.4
Minn.----Minneapolis	21	0.4	7.7	10.3	2.2	0.3	0.0	0.0	0.0	0.0	T	T	1.5	1.5
Miss.----Jackson	19	1.2	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	T	1.2	4.3	17.9
Mo.----Kansas City	25	5.0	3.4	3.4	0.6	T	0.0	0.0	0.0	0.0	0.0	T	1.3	2.8
	23	3.8	3.1	3.5	0.1	0.0	0.0	0.0	0.0	0.0	T	0.2	1.3	14.6
Mont.----Great Falls	21	8.0	10.3	10.2	3.9	1.7	T	0.0	0.0	1.5	2.6	7.8	8.1	54.6
Nebr.----Omaha	23	8.4	7.2	6.4	1.0	0.1	0.0	0.0	0.0	0.0	0.3	2.4	5.1	30.9
Nev.----Reno	17	6.6	4.2	5.4	1.0	0.1	T	0.0	0.0	T	0.3	1.6	3.7	22.9
N.H.----Concord	88	17.7	17.0	11.8	4.4	0.1	0.0	0.0	0.0	0.0	0.1	5.5	11.9	68.5
N.J.----Atlantic City	75	4.2	4.8	2.3	0.2	0.0	0.0	0.0	0.0	T	0.5	2.6	14.6	10.0
N. Mex.----Albuquerque	19	2.0	1.7	1.5	0.5	T	0.0	0.0	0.0	T	1.8	2.5	10.0	57.2
N.Y.----Albany	20	16.1	13.5	10.4	2.9	0.3	0.0	0.0	0.0	0.0	0.1	3.7	10.2	57.2
	74	19.2	17.1	10.6	3.1	0.2	0.0	0.0	0.0	T	0.4	7.9	17.6	76.1
	74	4.2	9.1	5.7	1.0	T	0.0	0.0	0.0	T	0.9	6.0	30.1	30.1
N.C.----Charlotte	80	1.4	1.8	0.9	0.1	0.0	0.0	0.0	0.0	0.0	T	0.2	1.3	7.2
	72	2.1	2.3	1.1	0.2	T	0.0	0.0	0.0	T	0.2	1.3	7.2	7.2
N. Dak.----Bismarck	19	7.0	6.2	8.5	3.0	0.9	T	0.0	0.0	0.3	1.4	5.2	4.7	37.2
Ohio.----Cincinnati	43	5.1	3.8	2.7	T	T	0.0	0.0	0.0	0.0	0.1	1.4	4.2	17.3
	17	10.2	9.7	10.6	2.9	T	0.0	0.0	0.0	T	0.6	6.5	11.0	51.5
	74	6.7	5.1	3.2	0.8	T	0.0	0.0	0.0	0.0	0.1	1.8	4.3	22.0
Oklahoma----Oklahoma City	19	3.3	2.3	1.7	T	0.0	0.0	0.0	0.0	T	0.3	1.4	9.0	9.0
Oreg.----Portland	56	5.2	1.8	0.5	0.1	T	0.0	0.0	0.0	0.0	T	0.2	1.2	9.0
Pa.----Philadelphia	16	4.9	5.3	3.9	T	0.0	0.0	0.0	0.0	0.0	T	0.9	3.0	18.0
	6	7.9	4.8	7.9	1.9	T	0.0	0.0	0.0	0.0	0.3	4.3	6.0	33.1
R.I.----Providence	54	9.6	9.7	6.1	1.0	T	0.0	0.0	0.0	0.0	T	1.2	5.6	33.2
S.C.----Columbia	71	0.4	1.0	0.1	T	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.4	2.0
S. Dak.----Sioux Falls	13	5.7	8.4	13.0	2.4	T	0.0	0.0	0.0	0.0	0.2	4.9	6.1	40.7
Tenn.----Memphis	74	1.9	1.5	0.5	T	0.0	0.0	0.0	0.0	T	0.1	1.2	5.2	8.2
	74	2.6	2.4	1.4	T	T	0.0	0.0	0.0	T	0.4	1.4	8.2	8.2
Tex.----Dallas	18	1.1	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	1.7	1.7
	19	1.7	0.6	0.6	T	0.0	0.0	0.0	0.0	0.0	0.5	0.7	4.1	4.1
	20	0.3	T	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	T	0.3	0.3
Utah----Salt Lake City	30	18.7	8.8	8.3	3.4	0.2	T	0.0	0.0	T	0.5	6.5	10.7	52.1
Vt.----Burlington	52	14.7	15.2	12.3	4.0	0.1	0.0	0.0	0.0	T	0.3	6.0	12.5	65.1
Va.----Norfolk	68	2.5	2.5	1.5	T	0.0	0.0	0.0	0.0	T	0.1	2.0	8.6	8.6
	21	4.4	2.3	2.0	0.2	0.0	0.0	0.0	0.0	T	0.6	1.8	11.3	11.3
Wash.----Seattle	25	5.0	1.5	0.6	T	0.0	0.0	0.0	0.0	T	0.7	0.8	8.6	8.6
	11	22.3	10.0	5.1	0.2	T	0.0	0.0	0.0	0.0	0.8	5.6	16.1	60.1
W. Va.----Charleston	55	6.0	4.3	3.1	0.2	T	0.0	0.0	0.0	T	1.4	3.2	17.2	17.2
Wis.----Milwaukee	18	11.8	6.0	7.9	0.5	T	0.0	0.0	0.0	T	3.0	3.0	9.4	38.6
Wyo.----Cheyenne	23	6.5	6.4	12.6	10.5	4.4	0.6	0.0	0.0	0.7	3.0	7.6	5.9	58.2
P.R.----San Juan	60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

¹ Airport data.

Source: Department of Commerce, Weather Bureau; records.

No. 225. AVERAGE PERCENTAGE OF POSSIBLE SUNSHINE, FOR SELECTED CITIES
 [For period of record through 1958]

STATION	Length of record (yrs.)	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
Ala.---- Mobile	48	51	54	60	67	71	68	59	63	64	70	62	46	61
Alaska.---- Juneau	14	29	32	39	38	34	36	28	30	25	18	21	19	30
Ariz.---- Phoenix	63	76	79	83	88	93	94	84	84	89	88	84	77	85
Ark.---- Little Rock	17	42	52	53	59	63	70	69	73	69	71	57	48	62
Calif.---- Los Angeles	18	70	72	73	65	67	68	80	82	82	74	79	71	74
Calif.---- Sacramento	10	38	57	67	75	81	89	96	95	92	85	64	43	73
Calif.---- San Francisco	22	54	58	66	69	70	73	64	63	71	69	64	52	65
Colo.---- Denver	9	68	72	69	62	65	72	69	72	77	74	65	66	69
Conn.---- Hartford	47	46	54	55	54	57	60	61	60	57	55	46	46	54
Del.---- Wilmington	15	46	55	57	57	58	63	63	61	59	58	53	51	58
D.C.---- Washington	10	44	51	53	52	56	65	65	61	62	59	55	47	57
Fla.---- Jacksonville	61	58	60	66	71	71	63	62	63	58	58	61	53	62
Fla.---- Miami	48	66	72	73	73	68	61	65	67	62	62	64	65	67
Ga.---- Atlanta	64	48	53	57	65	68	68	62	63	65	67	60	47	60
Hawaii.---- Honolulu	6	66	61	69	69	68	70	72	73	76	71	66	60	69
Idaho.---- Boise	19	40	49	59	66	68	75	88	86	81	66	45	35	66
Ill.---- Chicago	16	43	49	52	53	60	67	71	70	67	65	44	43	59
Ind.---- Peoria	15	42	48	52	55	60	65	69	69	69	66	46	42	60
Ind.---- Indianapolis	16	36	51	52	53	61	69	73	74	70	69	44	43	60
Iowa.---- Des Moines	8	47	53	53	58	62	67	70	71	72	67	57	46	61
Kans.---- Wichita	5	60	58	60	62	63	75	80	79	78	67	69	66	69
Ky.---- Louisville	58	41	47	52	57	64	68	72	69	68	64	51	39	59
La.---- New Orleans	68	49	50	57	63	68	65	58	59	64	69	60	47	59
Maine.---- Portland	18	54	61	58	57	66	63	67	66	68	60	49	53	59
Md.---- Baltimore	57	48	56	59	59	61	64	65	63	64	63	55	49	59
Mass.---- Boston	65	32	56	50	57	59	64	64	64	60	57	34	49	58
Mich.---- Detroit	25	31	43	57	58	58	65	71	67	61	56	33	21	54
Minn.---- Sault Ste. Marie	17	33	41	50	53	53	55	62	58	43	46	22	24	45
Minn.---- Duluth	8	51	54	59	57	59	61	67	63	52	55	36	43	56
Miss.---- Minneapolis	21	49	56	53	57	58	61	66	67	62	59	39	41	56
Miss.---- Jackson	11	40	48	53	62	66	70	63	72	64	67	58	48	60
Mo.---- Kansas City	25	50	55	57	58	62	69	76	73	71	69	58	50	62
Mo.---- St. Louis	23	45	50	56	59	65	66	72	70	70	69	56	45	60
Mont.---- Great Falls	17	52	59	64	63	64	62	70	78	68	61	47	49	64
Nebr.---- Omaha	23	53	54	53	58	61	65	70	70	70	68	52	48	62
Nev.---- Reno	16	65	69	60	75	77	82	91	93	90	78	69	59	77
N.H.---- Concord	43	48	53	55	52	51	56	56	58	55	51	43	43	52
N.J.---- Atlantic City	62	51	57	58	59	62	65	67	66	65	64	58	52	60
N. Mex.---- Albuquerque	19	68	73	72	75	79	84	76	75	81	78	73	71	76
N.Y.---- Albany	20	42	51	52	52	56	62	65	62	58	55	39	38	53
N.Y.---- Buffalo	48	32	41	49	53	60	68	70	66	60	51	32	26	53
N.Y.---- New York	65	51	57	58	60	61	64	65	63	64	63	56	53	60
N.C.---- Charlotte	49	52	58	62	67	71	70	65	65	66	66	69	64	64
N. Dak.---- Bismarck	19	54	56	56	57	60	60	74	71	65	61	47	48	60
Ohio.---- Cincinnati	43	41	45	52	57	63	69	72	68	72	60	45	38	57
Ohio.---- Cleveland	17	27	34	44	51	58	64	68	66	62	56	33	29	49
Ohio.---- Columbus	64	36	44	48	54	63	67	71	69	66	60	44	35	55
Oklahoma.---- Oklahoma City	8	53	60	62	63	64	78	80	81	79	68	62	68	68
Oreg.---- Portland	9	21	33	34	49	50	44	69	61	60	42	27	19	44
Pa.---- Philadelphia	15	46	55	57	57	58	63	63	61	59	58	51	51	58
Pa.---- Pittsburgh	6	37	40	50	51	58	64	68	59	65	58	48	35	54
R.I.---- Providence	54	49	56	58	57	60	63	63	62	60	60	51	50	58
S.C.---- Columbia	54	53	57	62	68	69	68	63	65	64	68	51	51	63
S. Dak.---- Sioux Falls	18	57	58	58	63	66	66	76	74	71	68	54	53	65
Tenn.---- Memphis	54	45	51	57	63	68	74	73	74	70	69	58	45	63
Tenn.---- Nashville	62	42	47	53	60	65	69	69	68	65	65	55	42	59
Tex.---- Dallas	18	46	50	56	58	63	76	79	78	75	66	63	54	67
Tex.---- El Paso	16	74	80	80	85	88	88	78	81	83	82	78	72	82
Utah.---- Houston	20	46	44	51	55	61	69	68	69	63	68	57	48	58
Utah.---- Salt Lake City	21	48	58	61	67	73	79	82	82	84	73	55	44	69
Vt.---- Burlington	52	34	44	48	47	53	59	62	59	51	43	26	26	46
Va.---- Norfolk	59	50	57	60	63	66	66	66	66	63	64	60	52	62
Va.---- Richmond	8	49	53	55	62	65	67	72	64	65	60	55	50	60
Wash.---- Seattle	25	28	34	42	49	53	48	62	57	54	36	28	24	45
Wash.---- Spokane	11	26	37	52	64	64	64	81	79	73	51	30	21	57
W. Va.---- Charleston	61	29	37	42	49	56	60	63	59	52	36	29	48	54
Wis.---- Milwaukee	18	41	43	49	53	58	62	70	67	61	59	41	38	54
Wyo.---- Cheyenne	23	61	64	62	57	57	66	69	66	71	69	63	58	64
P.R.---- San Juan	60	64	69	71	66	60	61	64	67	61	63	63	65	65

1 Data not available; figures are for a nearby station.

Source: Department of Commerce, Weather Bureau; records.

No. 226. AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES

[For period of record through 1958. True velocities in miles per hour]

STATION	Length of record (yrs.)	AVERAGE HOURLY WIND SPEED, FOR SELECTED CITIES												Annual
		Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	
Ala.-----Mobile	10	11.5	11.5	11.7	10.9	9.6	8.6	7.8	7.9	9.0	9.3	10.5	10.8	9.9
Alaska-----Juneau	15	8.5	8.4	8.7	8.7	7.9	7.5	7.4	7.2	7.6	9.1	8.4	8.9	8.2
Ariz.-----Phoenix	13	4.2	4.7	5.6	5.8	5.9	5.8	6.0	5.4	5.0	4.6	4.3	4.0	5.1
Ark.-----Little Rock	17	9.2	9.4	10.1	9.7	8.3	7.8	7.3	6.9	7.2	7.0	8.5	8.6	8.3
Calif.-----Los Angeles	18	6.9	6.9	7.0	6.7	6.3	5.8	5.4	5.3	5.3	5.7	6.5	6.8	6.2
Calif.-----Sacramento	10	10.2	9.8	10.7	9.9	10.4	11.2	10.5	10.0	8.8	7.9	7.6	8.7	9.6
Calif.-----San Francisco	31	6.9	8.4	10.1	12.0	13.1	14.2	13.8	13.0	11.1	9.2	6.9	6.4	10.4
Colo.-----Denver	10	9.8	10.2	10.6	10.8	10.1	10.0	9.2	8.6	8.7	8.6	9.7	10.1	9.7
Conn.-----Hartford	43	9.0	9.3	9.7	9.7	8.8	8.1	7.6	7.2	7.4	8.0	8.7	8.7	8.5
Del.-----Wilmington	10	9.2	9.7	10.9	10.0	8.6	8.3	7.5	7.2	7.5	7.7	8.5	8.6	8.6
D.C.-----Washington	27	7.7	8.5	8.8	8.3	7.0	6.4	5.7	5.7	5.9	6.3	7.3	7.3	7.1
Fla.-----Jacksonville	87	8.9	9.4	9.6	9.0	8.9	8.6	8.3	8.0	8.6	9.1	8.7	8.7	8.9
Fla.-----Miami ¹	9	9.9	10.3	10.0	10.2	9.3	8.2	7.9	7.1	8.2	8.8	9.1	6.3	8.8
Ga.-----Atlanta	78	11.6	11.9	11.8	10.8	9.3	8.2	7.8	7.4	8.3	9.5	10.6	11.1	9.9
Hawaii-----Honolulu	9	9.8	10.4	11.5	12.2	12.8	13.1	13.8	14.0	11.6	11.0	10.8	11.3	11.9
Idaho-----Boise	19	9.1	9.0	11.0	10.6	9.9	9.6	8.8	8.6	8.6	9.2	9.0	9.1	9.5
Ill.-----Chicago	16	10.8	11.2	11.4	11.2	9.9	8.8	7.6	7.3	8.4	9.1	11.2	10.7	9.8
Ill.-----Peoria	15	11.4	11.8	12.6	12.5	10.7	9.5	8.3	8.0	9.1	9.7	12.0	11.4	10.6
Ind.-----Indianapolis	10	12.5	12.5	13.5	13.0	11.3	9.5	8.4	8.0	9.2	10.2	12.7	12.2	11.1
Iowa-----Des Moines	9	12.3	12.5	14.4	14.5	12.3	11.6	10.0	9.4	10.7	11.8	13.8	13.0	12.2
Kans.-----Wichita	5	13.1	13.7	14.7	14.9	13.5	13.7	12.0	12.0	12.8	13.3	13.2	12.9	13.3
Ky.-----Louisville	86	9.9	10.3	10.8	10.1	8.5	7.8	7.0	6.6	7.1	7.8	9.4	9.0	8.7
La.-----New Orleans	88	8.3	8.6	8.7	8.4	7.5	6.8	6.4	6.4	7.3	7.7	8.0	8.2	7.7
Maine-----Portland	18	9.4	9.7	10.2	10.2	9.2	8.2	7.6	7.6	7.9	8.7	9.0	9.2	8.9
Md.-----Baltimore	24	10.3	10.8	11.5	11.3	10.0	9.5	8.8	8.6	8.9	9.2	10.0	9.9	9.9
Mass.-----Boston	23	13.3	13.7	13.8	13.5	12.0	11.3	10.3	10.2	10.9	11.7	12.7	13.0	12.2
Mich.-----Detroit	25	11.3	11.8	11.4	11.0	9.7	9.0	8.2	7.9	8.9	9.5	11.5	11.2	10.1
Minn.-----Sault Ste. Marie	17	10.2	10.4	10.9	11.2	10.5	9.2	8.5	8.3	9.3	9.8	10.7	10.5	10.0
Minn.-----Duluth	9	12.3	13.2	13.4	15.1	13.7	11.6	10.7	10.6	12.2	12.7	13.9	12.5	12.7
Minn.-----Minneapolis	21	10.6	10.9	11.6	12.7	11.6	11.1	9.5	9.4	10.5	10.9	11.6	10.8	10.9
Miss.-----Jackson	11	9.5	9.0	9.4	8.8	6.9	6.0	5.9	5.7	6.3	6.4	7.8	8.5	7.5
Mo.-----Kansas City	19	10.1	10.6	12.0	11.8	10.5	10.5	9.1	8.9	9.5	9.4	11.0	10.2	10.3
Mo.-----St. Louis	44	12.6	12.8	13.7	13.2	11.9	10.9	9.5	9.3	10.4	11.2	12.8	12.3	11.7
Mont.-----Great Falls	17	17.5	16.8	14.7	14.2	12.4	12.7	11.3	11.2	12.6	14.6	16.7	18.1	14.4
Nebr.-----Omaha	28	11.4	11.8	13.2	13.6	11.6	11.1	9.4	9.6	10.1	10.4	11.7	11.1	11.3
Nev.-----Reno	16	6.5	6.4	7.8	8.1	7.7	7.6	6.7	6.4	5.5	5.5	5.0	5.1	6.5
N.H.-----Concord	51	6.2	6.7	6.9	6.9	6.0	5.3	4.9	4.6	4.8	5.3	5.9	6.1	5.8
N.J.-----Atlantic City	37	16.2	16.4	17.0	16.7	15.1	14.0	13.3	13.3	14.0	15.1	16.5	15.4	15.2
N. Mex.-----Albuquerque	19	8.2	9.0	10.2	11.1	10.5	9.9	9.2	8.1	8.5	8.3	8.0	7.5	9.0
N.Y.-----Albany	20	9.9	10.7	10.6	10.4	9.1	8.1	7.3	6.7	7.4	8.0	8.9	9.2	8.9
N.Y.-----Buffalo	63	17.3	16.4	15.8	14.7	13.2	12.5	12.0	11.7	12.7	14.0	16.3	16.9	14.5
N.Y.-----New York	47	16.4	16.8	17.1	15.7	13.5	12.8	12.0	11.7	12.4	13.8	15.7	16.1	14.5
N.C.-----Charlotte	75	7.4	7.8	8.2	8.0	6.7	6.2	5.9	5.9	6.2	6.5	6.9	7.0	6.9
N.C.-----Raleigh	9	8.3	8.7	9.3	9.4	7.4	6.8	6.6	6.5	7.0	7.3	7.1	7.4	7.7
N. Dak.-----Bismarck	20	10.1	10.4	11.1	13.0	12.7	11.8	9.9	10.0	10.7	10.3	11.1	9.7	11.0
Ohio-----Cincinnati	37	8.4	8.6	9.2	8.5	6.9	6.6	5.4	5.3	5.7	6.4	8.1	8.3	7.3
Ohio-----Cleveland	17	12.6	12.9	13.0	12.2	10.8	9.7	9.0	8.6	9.7	10.4	13.0	12.9	11.2
Ohio-----Columbus	53	9.8	9.9	10.3	9.9	8.3	7.3	6.6	6.4	7.0	7.9	9.5	9.2	8.5
Okla.-----Oklahoma City	10	15.2	15.1	16.4	16.3	14.3	14.5	12.3	11.6	12.5	13.2	13.9	14.5	14.2
Oreg.-----Portland	10	10.0	8.6	8.2	6.8	6.3	6.3	7.0	6.4	5.6	6.1	7.7	9.6	7.4
Pa.-----Philadelphia	18	10.3	11.1	11.6	11.2	9.7	8.9	7.9	7.8	9.0	8.9	9.7	10.2	9.7
Pa.-----Pittsburgh	6	11.0	11.6	11.9	11.7	10.0	9.0	8.4	8.0	8.8	9.2	10.8	11.5	10.2
R.I.-----Providence	45	11.8	12.0	12.5	12.2	10.8	10.1	9.2	8.9	9.5	10.3	11.0	11.4	10.8
S.C.-----Columbia	57	8.0	8.4	8.8	8.5	7.6	7.1	6.9	6.6	6.9	7.1	7.2	7.5	7.6
S. Dak.-----Sioux Falls	10	11.3	11.8	12.8	13.4	11.9	10.6	9.3	9.1	10.2	11.0	12.5	11.0	11.2
Tenn.-----Memphis	10	12.0	11.4	12.0	11.5	9.3	8.4	7.9	7.2	8.0	8.2	10.0	10.6	9.7
Tenn.-----Nashville	50	9.6	9.8	10.4	10.1	8.4	7.6	6.9	6.6	7.1	7.6	9.0	9.2	8.5
Tex.-----Dallas	18	10.1	10.9	12.6	13.1	11.9	12.4	10.0	9.5	9.0	9.0	10.0	10.0	10.7
Tex.-----El Paso	16	10.3	11.0	13.1	13.0	12.2	11.4	10.0	9.5	9.2	9.4	9.9	9.9	10.8
Tex.-----Houston	20	10.8	11.2	11.7	12.0	10.7	9.7	8.3	8.3	8.8	9.4	10.3	10.2	10.1
Utah-----Salt Lake City	29	7.5	8.2	9.1	9.4	9.5	9.4	9.6	9.7	9.1	8.5	7.6	7.4	8.8
Vt.-----Burlington	52	11.6	10.7	10.8	10.6	9.6	8.7	8.2	8.1	9.0	10.2	11.5	11.2	10.0
Va.-----Norfolk	46	11.9	12.1	12.8	12.1	10.8	10.0	9.5	9.4	10.0	10.8	11.3	11.3	11.0
Va.-----Richmond	10	8.1	8.5	8.9	8.9	7.5	7.3	6.9	6.8	7.1	7.2	7.5	7.6	7.7
Wash.-----Seattle	24	10.1	10.0	10.2	9.5	8.8	8.4	7.9	7.3	7.4	8.5	9.4	10.6	9.0
Wash.-----Spokane	11	8.0	8.7	9.1	9.0	8.0	8.3	7.7	7.4	7.4	7.4	7.6	8.7	8.1
W. Va.-----Charleston	9	8.3	8.7	9.5	8.8	7.0	6.3	5.9	5.2	5.6	6.0	7.9	8.1	7.3
Wis.-----Milwaukee	18	13.4	13.3	14.1	13.9	12.8	10.9	9.9	9.9	11.4	12.1	13.9	13.3	12.4
Wyo.-----Cheyenne	23	14.3	14.6	14.4	13.7	11.9	11.1	9.5	9.6	10.4	11.2	13.7	14.4	12.3
P.R.-----San Juan	59	12.2	11.7	12.3	11.9	11.0	11.8	13.0	11.8	9.4	8.2	9.5	11.2	11.2

¹Airport data. Values adjusted to represent observations taken at the present standard location.

Source: Department of Commerce, Weather Bureau; records.

DEGREE DAYS

177

No. 227. NORMAL MONTHLY AND ANNUAL DEGREE DAYS, 65° BASE, FOR SELECTED CITIES

[Based on standard 30-year period (1921 to 1950)]

STATION	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual	
Ala.---Mobile	416	304	222	47	0	0	0	0	0	28	219	376	1,612	
Alaska---Juneau	1,203	1,056	998	765	558	342	319	335	480	716	957	1,159	8,888	
Ariz.---Phoenix	474	309	196	74	0	0	0	0	0	22	400	1,698	2,982	
Ark.---Little Rock	719	543	401	122	18	0	0	0	10	110	405	654	2,000	
Calif.---Los Angeles	328	244	212	129	68	19	0	0	17	41	140	223	1,451	
	Sacramento	614	403	317	196	85	5	0	0	17	75	321	567	2,000
	San Francisco	462	336	317	279	248	180	189	177	110	128	237	406	3,069
Colo.---Denver	1,042	854	797	492	266	60	0	5	103	385	711	958	5,673	
Conn.---Hartford	1,178	1,033	862	510	183	21	0	8	90	375	711	1,097	6,068	
Del.---Wilmington	983	876	698	306	110	6	0	0	47	282	555	927	4,910	
D.C.---Washington	884	770	606	314	80	0	0	0	32	231	510	831	4,253	
Fla.---Jacksonville	331	247	169	23	0	0	0	0	0	16	148	309	1,243	
	Miami	57	48	15	0	0	0	0	0	0	5	48	173	
Ga.---Atlanta	632	512	404	133	20	0	0	0	8	110	393	614	2,826	
Hawaii---Honolulu	0	0	0	0	0	0	0	0	0	0	0	0	0	
Idaho---Boise	1,169	868	719	453	249	92	0	0	135	389	762	1,054	5,890	
Ill.---Chicago	1,243	1,053	863	507	229	58	0	0	90	350	765	1,147	6,310	
Ind.---Indianapolis	1,122	933	772	432	176	30	0	0	79	306	705	1,051	5,611	
Iowa---Des Moines	1,308	1,072	849	425	183	41	0	6	89	346	777	1,178	6,274	
Kans.---Wichita	1,028	778	619	280	101	7	0	0	32	219	597	915	4,571	
Ky.---Louisville	933	778	611	285	94	5	0	0	51	232	579	871	4,439	
La.---New Orleans	341	223	163	19	0	0	0	0	5	141	283	1,175		
Maine---Portland	1,373	1,218	1,039	603	394	117	15	56	199	515	825	1,237	7,081	
Md.---Baltimore	955	840	676	378	115	5	0	0	50	278	582	908	4,787	
Mass.---Boston	1,113	1,002	849	534	236	42	0	7	77	315	618	998	5,791	
Mich.---Detroit	1,203	1,072	927	558	251	60	0	8	96	381	747	1,101	6,404	
Minn.---Duluth	1,587	1,442	1,302	846	499	224	109	126	298	639	1,005	1,398	9,475	
	Minneapolis	1,696	1,448	1,252	801	487	200	66	91	277	614	1,092	1,550	9,574
Miss.---Jackson	1,562	1,310	1,087	570	259	80	8	17	157	450	960	1,414	7,853	
Mo.---Kansas City	1,085	851	666	292	111	8	0	0	44	240	621	970	4,888	
	St. Louis	983	792	620	270	94	7	0	38	202	570	893	4,469	
Mont.---Great Falls	1,311	1,181	1,008	621	359	166	24	50	273	524	894	1,194	7,555	
Nebr.---Omaha	1,302	1,058	831	389	175	32	0	5	88	331	783	1,166	6,160	
Nev.---Reno	1,048	804	756	519	318	165	27	61	165	443	744	988	6,036	
N.H.---Concord	1,302	1,226	1,029	660	316	82	11	57	192	527	849	1,271	7,612	
N.J.---Atlantic City	905	829	729	468	189	24	0	0	29	230	507	831	4,741	
N. Mex.---Albuquerque	970	714	589	289	70	0	0	0	10	218	630	899	4,389	
N.Y.---Albany	1,318	1,179	989	597	246	60	0	24	139	443	780	1,197	6,902	
	Buffalo	1,225	1,128	992	636	318	72	16	30	122	483	753	1,116	6,838
New York---New York	995	904	753	456	153	18	0	0	39	263	561	908	5,050	
N.C.---Charlotte	704	577	449	172	29	0	0	0	7	147	438	682	3,205	
	Raleigh	732	613	477	202	41	0	0	0	16	149	438	701	3,369
N. Dak.---Bismarck	1,730	1,464	1,187	657	355	116	29	37	227	598	1,098	1,535	9,033	
Ohio---Cincinnati	989	846	682	347	132	13	0	0	56	263	612	930	4,870	
	Cleveland	1,132	1,019	874	531	223	46	0	10	75	340	699	1,057	6,006
	Columbus	1,094	946	781	444	180	31	0	8	69	337	693	1,032	5,615
Okla.---Oklahoma City	865	650	490	182	40	0	0	0	14	154	480	769	3,644	
Oreg.---Portland	791	594	515	347	199	70	13	14	85	280	534	701	4,143	
Pa.---Philadelphia	933	837	667	369	93	0	0	0	33	219	516	856	4,523	
	Pittsburgh	1,116	986	818	486	195	36	0	20	94	377	720	1,057	5,905
R.I.---Providence	1,125	1,019	874	570	258	58	0	26	107	381	672	1,035	6,125	
S.C.---Columbia	566	488	340	83	0	0	0	0	0	82	358	558	2,435	
S.D.---Sioux Falls	1,575	1,274	1,023	558	276	80	16	21	155	472	984	1,414	7,848	
Tenn.---Memphis	725	574	427	139	24	0	0	0	17	126	432	673	3,137	
	Nashville	778	636	498	186	43	0	0	22	154	471	725	3,513	
Tex.---Dallas	607	432	288	75	0	0	0	0	0	53	299	518	2,272	
	El Paso	670	445	330	110	0	0	0	0	70	390	626	2,641	
	Houston	378	240	166	27	0	0	0	0	0	162	303	1,276	
Utah---Salt Lake City	1,194	885	741	453	233	81	0	0	88	381	771	1,039	5,866	
Vt.---Burlington	1,460	1,313	1,107	681	307	72	19	47	172	521	858	1,308	7,865	
Va.---Norfolk	729	644	500	265	59	0	0	0	9	152	408	688	3,454	
	Richmond	528	708	560	271	66	0	0	0	33	210	498	791	3,955
Wash.---Seattle	753	602	558	396	246	107	49	45	184	329	540	679	4,438	
	Spokane	1,243	988	834	561	330	146	17	28	205	508	879	1,113	6,882
W. Va.---Charleston	887	750	632	310	110	8	0	0	60	250	576	834	4,417	
Wis.---Milwaukee	1,336	1,142	983	621	351	109	20	32	134	428	831	1,218	7,205	
Wyo.---Cheyenne	1,225	1,044	1,029	717	462	173	33	39	241	577	897	1,125	7,562	
P.R.---San Juan	0	0	0	0	0	0	0	0	0	0	0	0	0	

Source: Department of Commerce, Weather Bureau; records.

No. 228. AVERAGE RELATIVE HUMIDITY

[For period of record through 1958. Eastern standard time. Hours selected to give, for most of country, were made on the

STATION	Length of rec- ord (yrs.)	JAN.		FEB.		MAR.		APR.		MAY		JUNE		
		7:00 a.m.	1:00 p.m.											
Ala.-----	Mobile.....	17	87	63	86	60	86	57	87	55	87	55	87	58
Alaska.-----	Juneau.....	15	79	79	80	78	82	76	85	71	89	72	87	71
Ariz.-----	Phoenix.....	20	75	47	71	41	63	34	54	28	44	20	40	18
Ark.-----	Little Rock.....	17	80	66	81	61	79	57	80	55	85	57	86	56
Calif.-----	Los Angeles.....	18	64	46	69	45	73	47	78	51	81	52	85	54
	Sacramento.....	19	90	82	89	75	85	64	85	57	83	51	78	45
	San Francisco.....	19	87	77	86	75	84	69	87	69	88	68	88	66
Colo.-----	Denver.....	19	60	45	63	44	65	41	68	40	71	39	68	34
Conn.-----	Hartford.....	46	73	61	72	59	72	55	71	52	73	52	76	56
Del.-----	Wilmington.....	11	77	62	76	59	75	55	74	52	77	54	78	53
D.C.-----	Washington.....	71	73	56	70	53	72	48	69	45	72	48	75	52
Fla.-----	Jacksonville.....	22	88	56	86	51	85	49	84	47	81	47	84	54
	Miami.....	19	87	59	86	56	84	55	81	56	80	59	83	62
Ga.-----	Atlanta.....	71	80	64	79	60	77	54	75	51	76	51	78	53
Hawaii.-----	Honolulu.....	12	80	80	79	79	77	75	75	71	75	69	74	68
Idaho.-----	Boise.....	19	82	75	82	70	76	57	73	47	73	47	71	44
Ill.-----	Chicago.....	16	81	70	80	67	78	60	75	53	74	53	77	54
	Peoria.....	19	82	72	82	69	81	61	79	55	80	56	83	59
Ind.-----	Indianapolis.....	19	83	72	83	68	82	61	80	57	80	56	83	58
Iowa.-----	Des Moines.....	19	79	71	81	69	82	64	79	54	80	55	84	60
Kans.-----	Wichita.....	5	80	62	81	59	77	52	78	50	83	55	84	51
Ky.-----	Louisville.....	71	78	68	77	63	75	57	72	54	74	53	76	54
La.-----	New Orleans.....	70	85	67	84	64	84	60	84	59	83	59	82	60
Maine.-----	Portland.....	18	81	65	80	61	77	60	74	57	75	59	77	60
Md.-----	Baltimore.....	60	72	58	70	56	69	53	65	50	67	51	70	53
Mass.-----	Boston.....	68	71	59	69	58	69	55	68	53	69	55	71	56
Mich.-----	Detroit.....	25	81	70	81	67	79	61	75	53	72	52	74	54
	Sault Ste. Marie.....	17	84	77	85	75	85	69	79	60	79	57	85	63
Minn.-----	Duluth.....	17	78	73	79	69	82	68	80	59	78	54	85	62
	Minneapolis.....	21	81	71	81	69	81	64	76	53	76	50	80	56
Miss.-----	Jackson.....	13	86	64	85	59	83	54	87	53	87	54	88	53
Mo.-----	Kansas City.....	25	78	64	77	61	76	55	74	51	79	53	79	55
	St. Louis.....	65	77	65	76	62	76	56	73	54	74	54	75	54
Mont.-----	Great Falls.....	17	67	62	69	62	72	60	68	46	70	45	74	49
Nebr.-----	Omaha.....	23	81	68	86	66	81	60	77	52	79	55	81	55
Nov.-----	Reno.....	19	82	67	81	60	77	46	73	37	76	34	76	31
N.H.-----	Concord.....	18	78	60	74	56	74	53	72	47	75	48	76	49
N.J.-----	Atlantic City.....	70	79	68	77	68	77	66	76	65	78	69	80	71
N. Mex.-----	Albuquerque.....	19	68	51	62	44	55	34	51	29	49	26	43	24
N.Y.-----	Albany.....	20	76	64	75	61	76	56	73	50	74	51	75	51
	Buffalo.....	19	79	72	80	69	79	65	77	58	77	56	77	55
	New York.....	70	72	62	70	59	69	56	68	54	71	56	74	58
N.C.-----	Charlotte.....	71	80	60	77	56	77	52	74	49	75	49	78	51
	Raleigh.....	18	82	57	79	52	78	49	75	46	80	50	83	52
N. Dak.-----	Bismarck.....	10	77	71	78	70	83	68	83	52	79	48	81	55
Ohio.-----	Cincinnati.....	19	81	69	81	63	80	56	78	52	80	53	83	55
	Cleveland.....	17	81	72	81	68	80	62	77	55	76	54	78	54
	Columbus.....	19	82	71	81	67	78	58	78	55	79	55	81	55
Oklahoma.-----	Oklahoma City.....	19	80	64	80	61	75	55	79	54	85	59	86	58
Oreg.-----	Portland.....	18	87	81	88	80	87	70	88	66	87	66	87	66
Pa.-----	Philadelphia.....	18	76	61	75	56	74	52	73	49	75	51	76	52
	Pittsburgh.....	5	78	68	76	65	77	58	76	53	74	50	79	54
R.I.-----	Providence.....	19	73	60	72	56	72	55	71	51	74	55	76	56
S.C.-----	Columbia.....	57	81	57	80	53	79	50	77	47	77	48	80	51
S. Dak.-----	Sioux Falls.....	10	72	64	75	64	78	65	77	58	49	48	83	53
Tenn.-----	Memphis.....	19	82	66	81	62	79	57	80	54	82	55	84	55
	Nashville.....	71	84	67	80	62	78	56	76	51	79	53	79	52
Tex.-----	Dallas.....	18	81	62	80	61	78	55	82	56	85	56	83	53
	El Paso.....	19	63	45	54	36	42	29	40	26	40	23	44	26
	Houston.....	18	86	66	87	64	86	59	90	60	92	59	91	59
Utah.-----	Salt Lake City.....	24	81	70	79	64	74	51	69	42	67	36	63	32
Vt.-----	Burlington.....	17	80	69	79	65	77	61	74	55	72	53	75	55
Va.-----	Norfolk.....	71	79	61	77	56	77	55	74	52	76	55	78	57
	Richmond.....	24	82	58	80	53	79	49	75	46	78	49	80	53
Wash.-----	Seattle.....	19	85	80	87	78	85	70	86	63	85	61	85	63
	Spokane.....	11	84	80	84	76	80	65	78	58	76	50	80	49
W. Va.-----	Charleston.....	9	77	63	76	58	75	53	74	47	81	50	86	55
Wis.-----	Milwaukee.....	18	77	70	76	68	78	65	78	58	76	50	80	61
Wyo.-----	Cheyenne.....	23	59	48	61	48	67	49	74	47	78	47	76	42
P.R.-----	San Juan.....	59	81	71	80	69	77	68	76	72	77	74	77	75

¹ Airport data. Values adjusted to represent observations taken at present standard location.

Source: Department of Commerce, Weather Bureau; records.

HUMIDITY

179

(PERCENT), FOR SELECTED CITIES

approximation of average highest and average lowest humidity values. Relative humidity observations half-hour prior to 1957]

JULY		AUG.		SEPT.		OCT.		NOV.		DEC.		ANNUAL		STATION
7:00 a.m.	1:00 p.m.													
90	64	91	60	90	61	87	53	84	55	86	62	87	59	Ala.... Mobile.
88	78	90	81	91	85	88	85	85	84	82	81	86	78	Alaska. Juneau.
52	31	61	36	57	50	30	60	32	65	33	71	43	60	33 Ariz.... Phoenix.
85	55	86	55	85	53	85	50	81	55	82	62	83	57	Ark.... Little Rock.
85	49	84	49	78	47	76	47	59	38	62	43	75	47	Calif.... Los Angeles.
77	47	78	49	74	47	78	54	86	68	90	81	83	60	Sacramento.
90	70	90	70	87	68	87	70	86	72	87	77	87	61	San Francisco. ¹
67	33	68	33	63	32	61	34	60	39	59	40	64	38	Colo.... Denver.
79	55	82	55	84	57	83	54	79	68	77	60	77	55	Conn.... Hartford.
80	52	84	56	86	55	85	55	82	57	78	60	79	56	Del.... Wilmington.
78	52	80	53	81	53	81	51	77	51	74	55	75	51	D.C.... Washington.
85	57	89	59	90	61	90	57	88	54	89	58	87	54	Fla.... Jacksonville.
83	64	86	62	88	66	88	63	87	60	87	60	85	61	Miami.
83	57	85	57	82	55	79	53	78	55	81	63	79	56	Ga.... Atlanta.
74	69	75	70	75	70	76	72	78	74	78	76	76	73	Hawaii. Honolulu.
54	34	51	33	57	38	67	48	80	67	84	76	71	53	Idaho.... Boise.
78	51	82	52	82	50	80	51	79	62	80	69	79	58	Ill.... Chicago.
84	55	87	56	86	53	84	53	82	64	83	71	83	60	Peoria.
85	54	87	54	87	52	87	53	84	64	83	71	84	60	Ind.... Indianapolis.
56	87	59	84	53	80	52	81	63	81	70	82	61	Iowa.... Des Moines.	
77	45	75	43	74	45	79	51	73	48	77	54	77	50	Kans.... Wichita.
77	52	81	55	82	53	81	52	77	59	78	63	77	57	Ky.... Louisville.
84	64	85	63	84	53	82	58	83	60	85	66	84	62	La.... New Orleans.
79	58	83	58	86	51	85	60	85	64	81	62	80	60	Maine. Portland.
71	52	74	55	75	56	74	53	72	55	71	58	71	54	Md.... Baltimore.
72	55	73	56	77	56	75	55	73	57	71	57	72	56	Mass.... Boston.
75	51	80	52	83	54	83	55	80	64	81	70	79	59	Mich.... Detroit.
88	61	91	62	92	67	89	65	87	76	86	79	86	68	Saint Ste. Marie.
88	61	91	63	92	64	87	61	86	75	80	74	84	65	Minn.... Duluth.
83	54	85	55	85	55	80	54	82	68	82	73	81	60	Minneapolis.
90	56	90	51	89	52	88	49	85	52	84	57	87	54	Miss.... Jackson.
76	49	78	71	79	49	76	48	75	55	77	63	77	55	Mo.... Kansas City.
73	50	77	53	79	54	76	52	75	59	77	65	76	57	St. Louis.
64	37	63	38	64	43	64	47	66	57	65	60	67	51	Mont.... Great Falls.
81	52	84	55	82	51	79	49	79	57	81	65	81	57	Nebr.... Omaha.
72	26	74	26	76	31	79	42	81	55	83	67	78	44	Nev.... Reno.
80	50	85	53	88	53	86	52	84	59	79	59	79	53	N.H.... Concord.
81	72	82	71	81	70	80	64	79	65	78	67	79	68	N.J.... Atlantic City.
59	34	66	33	55	34	60	37	60	41	66	60	58	37	N.Mex.... Albuquerque.
79	52	84	52	87	55	86	54	81	61	78	64	79	56	N.Y.... Albany.
79	53	82	64	83	56	82	58	86	66	79	71	80	61	Buffalo.
75	57	78	60	78	60	75	58	73	60	72	62	73	59	New York.
82	55	85	56	84	55	81	50	79	53	80	60	79	54	N.C.... Charlotte.
86	55	90	57	90	57	89	53	85	51	83	55	84	53	Raleigh.
85	52	84	49	84	50	82	52	82	67	79	71	81	59	N.Dak.... Bismarck.
85	53	87	51	87	50	86	51	81	59	81	66	83	57	Ohio.... Cincinnati.
79	53	82	64	83	53	81	55	80	64	80	80	80	60	Cleveland.
83	52	86	52	86	51	86	53	82	62	82	69	82	58	Columbus.
83	53	81	50	80	51	80	52	77	53	79	60	81	56	Oklahoma City.
85	63	86	65	89	67	92	79	89	82	88	84	88	72	Oreg.... Portland.
78	51	81	54	84	52	83	53	80	54	77	77	88	78	Pa.... Philadelphia.
82	53	85	54	84	54	83	56	78	58	78	66	79	57	Pittsburgh.
79	57	82	57	84	56	83	55	80	58	73	57	77	56	R.I.... Providence.
83	55	86	56	86	55	84	50	82	51	82	57	81	53	S.C.... Columbia.
84	52	85	52	79	48	75	48	74	54	75	64	78	55	S.Dak.... Sioux Falls.
85	56	87	54	85	52	85	50	81	54	81	62	83	56	Tenn.... Memphis.
81	54	85	54	85	52	84	51	81	58	82	65	81	56	Nashville.
79	49	77	47	81	49	82	50	79	51	78	58	80	54	Tex.... Dallas.
59	36	63	39	58	37	58	38	56	36	61	41	53	34	El Paso.
92	58	93	58	90	59	89	55	86	57	86	64	89	60	Houston.
55	27	55	28	59	30	69	41	78	58	82	69	69	46	Utah.... Salt Lake City.
76	54	80	55	83	59	83	59	81	67	79	68	78	60	Burlington.
81	59	83	62	82	61	81	60	80	56	79	59	79	59	Vt.... Burlington.
84	55	87	56	88	55	89	53	85	51	83	56	83	53	Va.... Norfolk.
85	62	87	67	90	71	91	79	89	82	86	83	87	72	Richmond.
66	39	62	41	67	44	82	66	86	79	88	84	77	60	Seattle.
87	54	91	54	89	52	88	51	78	53	75	58	81	54	Spokane.
81	59	84	58	83	58	82	57	80	65	78	70	79	62	W. Va.... Charleston.
73	36	71	36	68	37	66	39	62	44	59	47	68	43	Wis.... Milwaukee.
78	36	75	78	74	80	74	81	72	82	71	70	72	P.R.... San Juan.	